

# Purchase Order Receipt Listing

Friday, November 27, 2015 10:20:26 AM

All Vendors PO ID PO30542 All Receipt Dates All Line Item Types  
All Item ID/GL/WOs All Rec. Employees All Currencies  
Grouped by Vendor ID

All amounts are calculated in domestic currency.

| Purchase Order ID/<br>Curr Type                                 | Line Nbr/<br>Insp<br>Req | Project ID | Reference/<br>Description/<br>Cert Sid | PO U/M /<br>Stock U/M | Required Date<br>Required Qty | Recv<br>Date/<br>Recv Emp | Recv<br>Qty<br>(PO U/M) | Cost Per Unit/<br>Recv Value | Inspected Qty/<br>Rejected Qty<br>(PO U/M) | MRB Qty/<br>MRB Reject<br>Qty | Book Amt |
|---|--------------------------|------------|--|-----------------------|-------------------------------|---------------------------|-------------------------|------------------------------|--|-------------------------------|----------|
| Vendor ID \ Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd |                          |            |  |                       |                               |                           |                         |                              |  |                               |          |
| PO30542   | 2                        |            | M303R0.375                             | f                     | 11/30/2015                    | 11/27/2015                | 12.0000                 | \$2.23                       | 0.0000                                     | 0                             | \$26.77  |
| CAD   | No                       |            | 303 Round Bar<br>0.375"                | f                     | 12.0000                       | DCUSER                    |                         | \$26.77                      | 0.0000                                     | 0                             |          |
|   |                          |            | m133699                                |                       |                               |                           |                         |                              |  |                               |          |
|   | 3                        |            | M303R0.750                             | f                     | 11/30/2015                    | 11/27/2015                | 96.0000                 | \$2.32                       | 0.0000                                     | 0                             | \$222.47 |
|   | No                       |            | 303 Round Bar 0.750 f                  | f                     | 96.0000                       | DCUSER                    |                         | \$222.47                     | 0.0000                                     | 0                             |          |
|   |                          |            | m133699                                |                       |                               |                           |                         |                              |  |                               |          |
|   | 4                        |            | M304R4.000                             | f                     | 11/30/2015                    | 11/27/2015                | 12.0000                 | \$4.38                       | 0.0000                                     | 0                             | \$52.62  |
|   | No                       |            | 304 round bar 1.00 f                   | f                     | 12.0000                       | DCUSER                    |                         | \$52.62                      | 0.0000                                     | 0                             |          |
|   |                          |            | m133699                                |                       |                               |                           |                         |                              |  |                               |          |
|   | 5                        |            | M6061T6B0.250X06.000                   | f                     | 11/30/2015                    | 11/27/2015                | 24.0000                 | \$2.95                       | 0.0000                                     | 0                             | \$70.71  |
|   | No                       |            | 6061-T6 Bar .250 x 6.00                | f                     | 24.0000                       | DCUSER                    |                         | \$70.71                      | 0.0000                                     | 0                             |          |
|   |                          |            | m133699                                |                       |                               |                           |                         |                              |  |                               |          |
|   | 6                        |            | M6061T6B0.500X10.000                   | f                     | 11/30/2015                    | 11/27/2015                | 12.0000                 | \$9.73                       | 0.0000                                     | 0                             | \$116.75 |
|   | No                       |            | 6061-T6 Bar .500 x 10.00               | f                     | 12.0000                       | DCUSER                    |                         | \$116.75                     | 0.0000                                     | 0                             |          |
|   |                          |            | m133699                                |                       |                               |                           |                         |                              |  |                               |          |
|   | 7                        |            | M6061T6B1.250X01.250                   | f                     | 11/30/2015                    | 11/27/2015                | 12.0000                 | \$3.01                       | 0.0000                                     | 0                             | \$36.18  |
|   | No                       |            | 6061-T6 Bar 1.25 x 1.25                | f                     | 12.0000                       | DCUSER                    |                         | \$36.18                      | 0.0000                                     | 0                             |          |
|   |                          |            | m133699                                |                       |                               |                           |                         |                              |  |                               |          |
|   | 8                        |            | M6061T6B4.500X4.500                    | f                     | 11/30/2015                    | 11/27/2015                | 8.0000                  | \$48.94                      | 0.0000                                     | 0                             | \$391.55 |
|   | No                       |            | 6061-T6 Aluminum Bar 4.500" X 4.500"   | f                     | 8.0000                        | DCUSER                    |                         | \$391.55                     | 0.0000                                     | 0                             |          |
|   |                          |            | m133699                                |                       |                               |                           |                         |                              |  |                               |          |

| Purchase Order ID/<br>Curr Type         | Line Nbr/<br>Insp | Vendor Name | Project ID | Reference/<br>Description/<br>Cert Std | PO U/M/<br>Stock U/M | Required Date<br>Required Qty | Recv Date/<br>Date/<br>Recv Emp | Recv Qty<br>(PO U/M) | Cost Per Unit/<br>Recv Value | Inspected Qty/<br>Rejected Qty<br>(PO U/M) | MIRB Qty/<br>MIRB Reject<br>Qty | Book Amt |
|---|-------------------|-------------|------------|--|----------------------|-------------------------------|---------------------------------|----------------------|------------------------------|--|---------------------------------|----------|
| VC-COP001 Thyssenkrupp Materials CA Ltd |                   |             |            |  |                      |                               |                                 |                      |                              |  |                                 |          |
| PO30542                                 | 9                 |             |            | M6061T6R0.750                          | f                    | 11/30/2015                    | 11/27/2015                      | 24.0000              | \$1.12                       | 0.0000                                     | 0                               | \$26.77  |
| CAD                                     | No                |             |            | 6061-T6 Round Bar<br>.750"             | f                    | 24.0000                       | DCUSER                          |                      | \$26.77                      | 0.0000                                     | 0                               |          |
|   |                   |             |            | m133699                                |                      |                               |                                 |                      |                              |  |                                 |          |
|   | 10                |             |            | M6061T6R1.000                          | f                    | 11/30/2015                    | 11/27/2015                      | 12.0000              | \$2.23                       | 0.0000                                     | 0                               | \$26.77  |
|   | No                |             |            | ROUND BAR 1.00"                        | f                    | 12.0000                       | DCUSER                          |                      | \$26.77                      | 0.0000                                     | 0                               |          |
|   |                   |             |            | m133699                                |                      |                               |                                 |                      |                              |  |                                 |          |
|   | 12                |             |            | M6061T6S.090                           | sf                   | 11/30/2015                    | 11/27/2015                      | 48.0000              | \$3.40                       | 0.0000                                     | 0                               | \$163.28 |
|   | No                |             |            | 6061-T6 .090 Sheet                     | sf                   | 48.0000                       | DCUSER                          |                      | \$163.28                     | 0.0000                                     | 0                               |          |
|   |                   |             |            | m133699                                |                      |                               |                                 |                      |                              |  |                                 |          |
|   | 17                |             |            | M6061T6B3000X01                        | f                    | 11/30/2015                    | 11/27/2015                      | 12.0000              | \$9.03                       | 0.0000                                     | 0                               | \$108.41 |
|   | No                |             |            | 300                                    |                      | 12.0000                       | DCUSER                          |                      | \$108.41                     | 0.0000                                     | 0                               |          |
|   |                   |             |            | 6061-T6 Bar 3.00 x                     | f                    |                               |                                 |                      |                              |  |                                 |          |
|   |                   |             |            | 1.50                                   |                      |                               |                                 |                      |                              |  |                                 |          |
|   |                   |             |            | m133699                                |                      |                               |                                 |                      |                              |  |                                 |          |
|   | 18                |             |            | M6061T6B1.000X02                       | f                    | 11/30/2015                    | 11/27/2015                      | 12.0000              | \$4.53                       | 0.0000                                     | 0                               | \$54.34  |
|   | No                |             |            | 000                                    |                      | 12.0000                       | DCUSER                          |                      | \$54.34                      | 0.0000                                     | 0                               |          |
|   |                   |             |            | 6061-T6 Bar 1.00 x                     | f                    |                               |                                 |                      |                              |  |                                 |          |
|   |                   |             |            | 2.00                                   |                      |                               |                                 |                      |                              |  |                                 |          |
|   |                   |             |            | m133699                                |                      |                               |                                 |                      |                              |  |                                 |          |
|   | 19                |             |            | M6061T6R3.000                          | f                    | 11/30/2015                    | 11/27/2015                      | 12.0000              | \$14.91                      | 0.0000                                     | 0                               | \$178.96 |
|   | No                |             |            | 6061-T6 RD BAR                         | f                    | 12.0000                       | DCUSER                          |                      | \$178.96                     | 0.0000                                     | 0                               |          |
|   |                   |             |            | 3.000"                                 |                      |                               |                                 |                      |                              |  |                                 |          |
|   |                   |             |            | m133699                                |                      |                               |                                 |                      |                              |  |                                 |          |
|   | 20                |             |            | 71401-45                               |                      | 11/30/2015                    | 11/27/2015                      | 1.0000               | \$0.00                       | 0.0000                                     | 0                               | \$0.00   |
|   | No                |             |            | PROCUREMENT                            |                      | 1.0000                        | DCUSER                          |                      | \$0.00                       | 0.0000                                     | 0                               |          |
|   |                   |             |            | QUALITY CLAUSES                        |                      |                               |                                 |                      |                              |  |                                 |          |
|   |                   |             |            | m133699                                |                      |                               |                                 |                      |                              |  |                                 |          |
|   |                   |             |            |  |                      |                               |                                 |                      |                              | Total Received Quantity:                   | 297.0000                        |          |
|   |                   |             |            |  |                      |                               |                                 |                      |                              | Total Qty to Inspect (PO U/M):             | 0.0000                          |          |
|   |                   |             |            |  |                      |                               |                                 |                      |                              | Total Reject Quantity:                     | 0.0000                          |          |
|   |                   |             |            |  |                      |                               |                                 |                      |                              | Total Receipt Value:                       | \$1,475.56                      |          |
|   |                   |             |            |  |                      |                               |                                 |                      |                              | Total Balance Due Quantity:                | 0.0000                          |          |

JC 0 ARR

029

B I L L O F L A D I N G

Ship From: THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

No: PEC 966164  
Ship Date 26Nov15 at 11:31 From PFW  
Probill  
Via VIM DELIVERY  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115)  
DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7

Ship To: ( 1)  
DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7  
Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC-871532- 1 Your PO # 30542  
STAINLESS STEEL ROUND BAR 303 STAINLESS  
.375" DIA X 144.0000"

Heat Number Tag No  
W2X1 478988

Quantity PCS Wt LBS  
12 FT 1 5

MTR

2) Our Order PEC-871532- 2 Your PO # 30542  
STAINLESS STEEL ROUND BAR 303 STAINLESS  
.750" DIA X 144.0000"

Heat Number Tag No  
V2P7 478989  
V9E0 478990  
Total:

Quantity PCS Wt LBS  
84 FT 7 127  
12 FT 1 19  
96 FT 8 146

MTR

3) Our Order PEC-871532- 3 Your PO # 30542  
STAINLESS STEEL ROUND BAR 304L  
1.00" DIA X 144.0000"

Heat Number Tag No  
W8L5 478991

Quantity PCS Wt LBS  
12 FT 1 33

MTR

4) Our Order PEC-871532- 4 Your PO # 30542  
ALUMINUM FLAT BAR 6061-T6511  
.250" x 6.00" X 144.0000"

Heat Number Tag No  
41087-050 478992

Quantity PCS Wt LBS  
24 FT 2 42

MTR

5) Our Order PEC-871532- 5 Your PO # 30542  
ALUMINUM FLT BAR ECONOPLT 6061-T6511  
5.00" X 10.00" X 144.0000"

MTR

Page: 1 ....Continued

SOBUL-27  
785

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

Ship From:  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

B I L L O F L A D I N G

No: PEC 966164  
Ship Date 26Nov15 at 11:31 From PFW  
Probill  
Via VIM DELIVERY  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115)  
DART AEROSPACE

Ship To: ( 1)  
DART AEROSPACE

B I L L O F L A D I N G

| Heat Number | Tag No | Quantity | PCS | Wt LBS |
|-------------|--------|----------|-----|--------|
| Z00191079   | 478993 | 12 FT    | 1   | 70     |

6) Our Order PEC-871532- 6 Your PO # 30542

ALUMINUM SQUARE BAR 6061-T6511  
1.250" X 144.0000"

MTR

| Heat Number | Tag No | Quantity | PCS | Wt LBS |
|-------------|--------|----------|-----|--------|
| Z00240087   | 478994 | 12 FT    | 1   | 22     |

7) Our Order PEC-871532- 7 Your PO # 30542

ALUMINUM SQUARE BAR 6061-T6511  
4.50" X 48.0000"

MTR

| Heat Number | Tag No | Quantity | PCS | Wt LBS |
|-------------|--------|----------|-----|--------|
| Z00781009   | 479107 | 8 FT     | 2   | 190    |

8) Our Order PEC-871532- 8 Your PO # 30542

ALUMINUM ROUND BAR 6061-T6511  
.750" DIA X 144.0000"

MTR

| Heat Number    | Tag No | Quantity | PCS | Wt LBS |
|----------------|--------|----------|-----|--------|
| 104337 3 1-A-1 | 478995 | 24 FT    | 2   | 13     |

9) Our Order PEC-871532- 9 Your PO # 30542

ALUMINUM ROUND BAR 6061-T6511  
1.00" DIA X 144.0000"

MTR

| Heat Number    | Tag No | Quantity | PCS | Wt LBS |
|----------------|--------|----------|-----|--------|
| 104417 1 1-A-1 | 478996 | 12 FT    | 1   | 12     |

10) Our Order PEC-871532- 10 Your PO # 30542

ALUMINUM SHEET 6061 T6  
.0910 Nom X 48.0000" X 144.0000"

MTR

| Heat Number | Tag No | Quantity  | PCS | Wt LBS |
|-------------|--------|-----------|-----|--------|
| 84302B2     | 479083 | 48.00 SFT | 1   | 60     |

Page: 2 ....Continued

8015-11-27  
785

ALUMINIUM - ALUMIN - ALUVE - PLASTIQUE - ALUMINOX  
ALUMINIUM - BRASS - COPPER - PLASTICS - STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

SHIP FROM:  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

SHIP TO: ( 1 )  
DART AEROSPACE

NO: PEC 966164  
SHIP DATE 26Nov15 at 11:31 From PFW  
PROBILL  
Via VIM DELIVERY  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115 )  
DART AEROSPACE

B I L L O F L A D I N G

11) Our Order PEC-871532- 11 Your PO # 30542

ALUMINUM FLAT BAR 6061-T6511  
1.50" x 3.00" X 144.0000"

Heat Number  
Z00649040

Tag No  
478997

Quantity  
12 FT

PCS  
1

Wt LBS  
64

MTR

12) Our Order PEC-871532- 12 Your PO # 30542

ALUMINUM FLAT BAR 6061-T6511  
1.00" x 2.00" X 144.0000"

Heat Number  
HK104-206

Tag No  
478998

Quantity  
12 FT

PCS  
1

Wt LBS  
28

MTR

13) Our Order PEC-871532- 13 Your PO # 30542

ALUMINUM ROUND BAR 6061-T6511  
3.00" DIA X 144.0000"

Heat Number  
Z00067246

Tag No  
478999

Quantity  
12 FT

PCS  
1

Wt LBS  
100

MTR

TOTAL: Tags 14 PCS 23 Wt LBS 785

Heat Number  
104337 3 1-A-1  
104417 1 1-A-1  
41087-050  
84302B2  
HK104-206  
V2P7  
V9E0  
W2X1  
W8L5  
Z00191079  
Z00240087  
Z00649040

\*\*\* Chemical Analysis \*\*\*

SPS-11-27

Page: 3 ....Continued

ALUMINIUM - LAITON - CUIVRE - PLASTIQUE - ACIERINOX  
ALUMINIUM - BRASS - COPPER - PLASTICS - STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001



# BILL OF LADING

Ship From:  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

No: PEC 966164  
Ship Date 26Nov15 at 11:31 From PFW  
Probill  
Via VIM DELIVERY  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: (20115)  
DART AEROSPACE

Ship To: (1)  
DART AEROSPACE

# BILL OF LADING

Z00781009

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT  
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR  
TO SHIPPING.

ATTN: CHANTAL/LINDA

\*\*/ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*  
\*\* REFERENCED ON IT \*\*

TOTAL 2 BDLS, 2 SKIDS GW. 1003 LBS

\*\*\*\*\* CLOSED FOR THE HOLIDAYS \*\*\*\*\*  
ON DEC. 25TH & 28TH, 31ST & JAN. 1ST.

WE ARE OPENED FOR BUSINESS ON DEC. 24, 29 & 30.

HAVE A HAPPY HOLIDAY SEASON!

\*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA  
CONCORD, ONT.\* \*\*\* 9:00 AM TO 4:00 PM \*\*\*

\*\*\*\* TEL. 800-926-2600 \*\*\*\*

\*\*\*\*\*

\* WE STOCK STAINLESS STEEL \*

\* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT \*

\*\*\*\*\*

\*\*\*PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE  
ADDED TO EVERY ORDER.\*\*\*

*2 planck pec*  
*2 SKID*

Page: 4 .... Last

ALUMINUM LAINOX, ZINCHE, PLASTIQUE, ADIES INOX  
ALUMINUM, BRASS, COPPER, PLASTICS, STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

# THYSSENKRUPP MATERIALS NA

**PART AEROSPACE**  
STAINLESS STEEL ROUND BAR 303 STAINLESS  
3/5" DIA X 144.0000"  
PART NO

PO/Ref 30342  
We certify that this is a true copy of the report  
furnished by the producer of the metal, or data  
resulting from tests made in approved labs.

Signed by:

**Certificate of Mill Test Results**  
BL PEC-966164-001  
26Nov15  
Pg 1/1



740 Imperial Road North

## METALLURGICAL TEST REPORT

North American Stainless Canada Inc.  
740 Imperial Road North  
Guelph, ON N1K1Z3  
Canada

Certificate: 104314 18

Mail To:  
THYSSENKRUPP MATERIALS  
2821 LANGSTAFF ROAD  
CONCORD, ON L4K5C6

Ship To:  
THYSSENKRUPP MATERIALS  
2821 LANGSTAFF ROAD  
CONCORD, ON L4K5C6

Date: 10/14/2015 Page: 1

Customer: 007206 001

FINISH: CD

Corrosion:

Your Order: PEC269176

NAS order: PN 0056222 12

### PRODUCT DESCRIPTION:

Round Bar Annealed, Cold Draw  
ASTM A582/12 EN 10204 3.1, ASTM A484/11  
AMS 5640C TYPE 1, QQS-764B CONDITION A  
SOLUTION ANNEAL TEMP 1900F MIN

### REMARKS:

COMPLIES W/ REQUIREMENTS OF DEAR 252.225-7009 EU DIRECTIVE  
2011/65/EU ROHS, EAF+AD+CC. NO WELD REPAIR. MELTED AND METG  
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

*and 15/11/30*

| Product Id | Shld # | Diameter | Size | Weight | -----length----- | Mark | Pieces | Commodity Code |
|------------|--------|----------|------|--------|------------------|------|--------|----------------|
| BR4336 7   |        | 1.3750   |      | 1.222  | 144.00           | 21   | 1      |                |

### CHEMICAL ANALYSIS

CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan)

Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L2323  
Chemical Analysis per ASTM A751/08

| HEAT | CM | C %   | CO %  | CR %    | CU %  | MN %   | MO %  | N %   | NI %   | P %   |
|------|----|-------|-------|---------|-------|--------|-------|-------|--------|-------|
| W2X1 | US | .0407 | .1360 | 17.1320 | .3840 | 1.8550 | .2830 | .0421 | 8.2730 | .0300 |

S % .3590  
SI % .5095

### MECHANICAL PROPERTIES

| Product Id | 1 d<br>o l<br>c r | HB<br>NO. | .2YS<br>KSI | UTS<br>KSI | RA<br>% | Ring<br>% 2" |
|------------|-------------------|-----------|-------------|------------|---------|--------------|
| BR4336 7   | RL                | 230.0     | 97.00       | 110.00     | 32.00   | 26.00        |

thy certifies that the analysis on this certification is correct. Based upon the results and the accuracy  
st methods used, the material meets the specifications stated. These results relate only to the items  
nd this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical Dept. Mgr. *ASB*  
ABHIJEET BHAVE - 10/14/2015

# THYSSENKRUPP MATERIALS NA

DART AEROSPACE  
STAINLESS STEEL ROUND BAR 303 STAINLESS  
750" DIA X 144.0000"  
PART NO.

PO Ref 30542  
We certify that this is a true copy of the report  
furnished by the producer of the metal, or data  
resulting from tests made in approved labs.

Certificate of Mill Test Results  
BL PEC-966164-002  
26 Nov 15  
Pg 1/4



740 Imperial Road North

## METALLURGICAL TEST REPORT

North American Stainless Canada Inc.  
740 Imperial Road North  
Guelph, ON N1K1Z3  
Canada

Certificate: 80687 7 Mail To:

Customer: 007206 001 THYSSENKRUPP MATERIALS  
2821 LANGSTAFF ROAD  
CONCORD, ON L4K5C6

Ship To:

THYSSENKRUPP MATERIALS  
2821 LANGSTAFF ROAD  
CONCORD, ON L4K5C6

Date: 7/28/2015 Page: 1

Steel: 303

Finish: CD

Corrosion:

Your Order: PEC68105

NAS Order: PN 0054556 04

### PRODUCT DESCRIPTION:

Round Bar, Annealed, Cold Draw  
ASTM A582/12 EN 10204 3.1, ASTM A484/11  
AMS 5640U TYPE 1, QOS-764B CONDITION A  
SOLUTION ANNEAL TEMP 1900F MIN

### REMARKS:

COMPLIES W/REQUIREMENTS OF DEAR 252.225-7009 EU DIRECTIVE  
2011/65/EU-ROHS, EAF+AOD+CC. NO WELD REPAIR, MELTED AND MTG  
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

*conf 15/11/36*

| Product ID | Std # Diameter | Size   | Weight | Length | Mark | Pieces | Commodity Code |
|------------|----------------|--------|--------|--------|------|--------|----------------|
| BH3396 2   |                | 1.7500 | 1.104  | 144.00 | 7    | 1      |                |

| CHEMICAL ANALYSIS  |    |       |       |         |       |        |       |       |        |       | Lab Accreditation Bureau, ISO/IEC 17025, Certificate# U2323 |  |
|--|----|-------|-------|---------|-------|--------|-------|-------|--------|-------|---|--|
| CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan) |    |       |       |         |       |        |       |       |        |       | Chemical Analysis per ASTM A751/08                          |  |
| HEAT   | CM | C %   | CO %  | CR %    | CU %  | MN %   | MO %  | N %   | NI %   | P %   |   |  |
| V980   | US | .0422 | .2075 | 17.0435 | .3085 | 1.8195 | .3065 | .0458 | 8.2410 | .0285 |   |  |

| S %   | SI %  |
|-------|-------|
| .3515 | .6015 |

### MECHANICAL PROPERTIES

| Product ID | 1 d<br>g l<br>c r | HB<br>No. | .2YS<br>KSI | UTS<br>KSI | RA<br>% | Elong<br>% 4D |
|------------|-------------------|-----------|-------------|------------|---------|---------------|
| BH3396 2   | R L               | 197.0     | 85.05       | 111.10     | 51.00   | 42.60         |

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical  
Dept. Mgr.

*1888*



# THYSSENKRUPP MATERIALS NA

**PART AEROSPACE**  
STAINLESS STEEL ROUND BAR 303 STAINLESS  
1.50" DIA X 144.000"  
PART NO.

PO/REL 30542  
We certify that this is a true copy of the report  
furnished by the producer of the metal, or data  
resulting from tests made in approved labs.

**Certificate of Mill Test Results**  
BL PEC-966164-002  
26 Nov 15  
Pg 2/4



740 Imperial Road North

Certificate: 80687 8

Customer: 007206 001  
THYSSENKRUPP MATERIALS  
2821 LANCASTER ROAD  
CONCORD, ON L4K5C6

Ship To:  
THYSSENKRUPP MATERIALS  
2821 LANCASTER ROAD  
CONCORD, ON L4K5C6

North American Stainless Canada Inc.  
740 Imperial Road North  
Guelph, ON N1K1Z3  
Canada

Date: 7/28/2015 Page: 1

Steel 303

Finish: CD

Corrosion:

Your Order: PEC268105

NAS Order: PN 0054556 04

## PRODUCT DESCRIPTION:

Round Bar, Annealed, Cold Draw  
ASTM A582/13 EN 10204 3.1, ASTM A484/11  
AMS 5640V TYPE 1, Q88-7648 CONDITION A  
SOLUTION ANNEAL TEMP 1900F MIN

## REMARKS:

COMPLIES W/REQUIREMENTS OF DPMR 252.225-7009 EU DIRECTIVE  
2011/65/EU-ROHS. EAF+AD+CC. NO WELD REPAIR. MELTED AND MFG  
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

| Product Id | Slid # Diameter | Size  | Weight | -----Length----- | Mark | Pieces | Commodity Code |
|------------|-----------------|-------|--------|------------------|------|--------|----------------|
| BH3396 5   |                 | 1.500 | 1.104  | 144.00           | 8    | 1      |                |

## CHEMICAL ANALYSIS

CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan)  
Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L2323  
Chemical Analysis per ASTM A751/08

| REMARK | CM    | C %   | CO %  | CR %    | CU %  | MN %   | NO %  | N %   | NI %   | P %   |
|--------|-------|-------|-------|---------|-------|--------|-------|-------|--------|-------|
| V9E0   | VS    | .0422 | .2075 | 17.0435 | .3085 | 1.8195 | .3065 | .0458 | 8.2410 | .0285 |
|        | S %   | SI %  |       |         |       |        |       |       |        |       |
|        | .3515 | .6015 |       |         |       |        |       |       |        |       |

## MECHANICAL PROPERTIES

| Product Id | 1 d | HB    | .2YS  | UTS    | RA    | Elong |
|------------|-----|-------|-------|--------|-------|-------|
|            | 0.1 | NO.   | KSI   | KSI    | %     | % AD  |
| BH3396 5   | R L | 197.0 | 85.05 | 111.10 | 51.00 | 42.60 |

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical Dept. Mgr.

*ASB*

# THYSSENKRUPP MATERIALS NA

STAINLESS STEEL ROUND BAR 303 STAINLESS  
750" DIA X 144.0000"  
PART NO.

PO/Rel 30542

We certify that this is a true copy of the report  
furnished by the producer of the metal, or data  
resulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results  
BL PEC-966164-002  
26Nov15  
Pg 3/4



## METALLURGICAL TEST REPORT

740 Imperial Road North

Mail To:

Ship To:

Certificate: 80687 9  
Customer: 007206 001  
THYSSENKRUPP MATERIALS  
2821 LANGSTAFF ROAD  
CONCORD, ON L4K5C6

THYSSENKRUPP MATERIALS  
2821 LANGSTAFF ROAD  
CONCORD, ON L4K5C6

North American Stainless Canada Inc.  
740 Imperial Road North  
Guelph, ON N1K1Z3  
Canada

Date: 7/28/2015 Page: 1

Steel: 303

Finish: CD

Corrosion:

Your Order: PEC268105

NAS Order: PM 0054556 04

### PRODUCT DESCRIPTION:

Round Bar, Annealed, Cold Draw  
ASTM A582/12 EN 10204 3.1, ASTM A484/11  
AMS 5640V TYPE 1, QOS-7643 CONDITION A  
SOLUTION ANNEAL TEMP 1900F MIN

### REMARKS:

COMPLIES W/REQUIREMENTS OF DPAR 252.225-7009 EU DIRECTIVE  
2011/65/EU, ROHS, EAF+AD+CC, NO WELD REPAIR, MELTED AND WFG  
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

*of 15/11/20*

| Product Id | Skid # | Diameter | Size  | Weight | Length | Mark | Pieces | Commodity Code |
|------------|--------|----------|-------|--------|--------|------|--------|----------------|
| BH3396 6   |        | .7500    | 1.104 | 144.00 | 9      | 1    |        |                |

### CHEMICAL ANALYSIS

CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan)

Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L2323  
Chemical Analysis per ASTM A751/06

| HEAT | CM | C %   | CO %  | CR %    | CU %  | KN %   | MO %  | N %   | NI %   | P %   |
|------|----|-------|-------|---------|-------|--------|-------|-------|--------|-------|
| V950 | US | .0422 | .2075 | 17.0435 | .3085 | 1.8195 | .3065 | .0458 | 8.2410 | .0285 |

S % .3515  
BI % .6015

### MECHANICAL PROPERTIES

| Product Id | 1 d<br>o l<br>g z | HB<br>Mo. | .2YS<br>KSI | UTS<br>KSI | RA<br>% | Elong<br>% 4D |
|------------|-------------------|-----------|-------------|------------|---------|---------------|
| BH3396 6   | R L               | 197.0     | 85.05       | 111.10     | 51.00   | 42.60         |

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy  
of the test methods used, the material meets the specifications stated. These results relate only to the items  
tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical  
Dept. Mgr.

*1888 hours*

# THYSSENKRUPP MATERIALS NA

DART AEROSPACE  
STAINLESS STEEL ROUND BAR 303 STAINLESS  
750" DIA X 144.0000"  
PART NO.

PO/Rel 30542  
We certify that this is a true copy of the report  
furnished by the producer of the metal, or data  
resulting from tests made in approved labs.

Signed by:

*[Signature]*

Certificate of Mill Test Results

BL PEC-966164-002

26 Nov 15  
Pg 4/4



## METALLURGICAL TEST REPORT

North American Stainless Canada Inc.  
740 Imperial Road North  
Guelph, ON N1K1Z3  
Canada

740 Imperial Road North

Certificate: 80687 10

Customer: 007206 001

Ship To:  
THYSSENKRUPP MATERIALS  
2821 LARGSTAFF ROAD  
CONCORD, ON L4K5C6

Date: 7/28/2015 Page: 1

Steel 303  
Finish: CD

Corrosion:

Your Order: PEC268105

NAS Order: PN 0054556 04

### PRODUCT DESCRIPTION:

Round Bar, Annealed, Cold Draw  
ASTM A582/13 EN 10206 3.1, ASTM A484/11  
AMS 5640U TYPE 1, QOS-764B CONDITION A  
SOLUTION ANNEAL TEMP 1900F MIN

### REMARKS:

COMPLIES W/REQUIREMENTS OF DEFAR 252.225-7009 EU DIRECTIVE  
2011/65/EU, ROHS, EAP-AD-CC. NO WELD REPAIR. MELTED AND NOT  
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

*OK 15/11/30*

| Product Id | SKID # | Diameter | Size | Weight | Length | Mark | Places | Commodity Code |
|------------|--------|----------|------|--------|--------|------|--------|----------------|
| BH3396 9   |        | 7500     |      | 814    | 144.00 | 10   | 1      |                |

### CHEMICAL ANALYSIS

CM(Country of Men) ES(Spain) US(United States) ZA(South Africa) JP(Japan)

Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L2323  
Chemical Analysis per ASTM A751/08

| HEAT | CM | C %   | CO %  | CR %    | CU %  | MN %   | MO %  | N %   | NI %   | P %   |
|------|----|-------|-------|---------|-------|--------|-------|-------|--------|-------|
| V9E0 | US | .0422 | .2075 | 17.0435 | .3085 | 1.8195 | .3065 | .0458 | 8.2410 | .0285 |

|       |       |
|-------|-------|
| S %   | SI %  |
| .3515 | .6015 |

### MECHANICAL PROPERTIES

| Product Id | 1 d<br>o i<br>c r | HB<br>No. | 2YS<br>KSI | UTS<br>KSI | RA<br>% | ELONG<br>% 4D |
|------------|-------------------|-----------|------------|------------|---------|---------------|
| BH3396 9   | R L               | 205.0     | 86.66      | 107.80     | 35.18   | 20.62         |

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical  
Dept. Mgr.

*[Signature]*

# THYSSENKRUPP MATERIALS NA

DART.AEROSPACE

ALUMINUM SQUARE BAR 6061-T6511

4.50" X 48.0000"

PART NO.

PO/Rel 30542

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

## Certificate of Mill Test Results

BL PEC-966164-007

26Nov15

Signed by:

Pg 1/1

**KAISER**  
**ALUMINUM**  
**FABRICATED PRODUCTS**

*Best in Class*

### CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM  
FABRICATED PRODUCTS, LLC  
5205 KAISER DRIVE  
KALAMAZOO, MI 49048

|   |                        |                                  |   |   |                      |
|---|------------------------|----------------------------------|---|---|----------------------|
| CUSTOMER PO NUMBER:<br>VIM-632927-8   |                        | CUSTOMER PART NUMBER:<br>328/STK |   | PRODUCT DESCRIPTION:<br>4.500 SC SQ BAR |                      |
| KAISER ORDER NUMBER:<br>695192  | LINE ITEM:<br>008      | SHIP DATE:<br>10/06/2015         | KAISER LOT NUMBER:<br>Z00781009   | ALLOY:<br>6061                          | TEMPER:<br>T6511     |
| WEIGHT SHIPPED:<br>2286.000 LB  | QUANTITY:<br>8.000 PCS | B/L NUMBER:<br>613442            | DIAMETER/THKNS:   | WIDTH:                                  | LENGTH:<br>12.000 FT |
| SHIP TO:<br>THYSSENKRUPP CANADA<br>4700 BOIS FRANC<br>ST LAURENT, PQ H4S 1A7 CANADA |                        |                                  | SOLD TO:<br>THYSSENKRUPP CANADA<br>4700 BOIS FRANC<br>ST LAURENT, PQ H4S 1A7 CANADA |   |                      |

### Actual Physical Properties

| REFERENCE | DASH# | SAMPLE# | UTS (KSI) | YTS (KSI) | ELONG% | HARDNESS | CONDUCT. | BEND |
|-----------|-------|---------|-----------|-----------|--------|----------|----------|------|
| Z00781009 | 0001  | 0001    | 53.2      | 50.7      | 17.6   | RE 93    | N/A      | N/A  |

### Chemical Composition (wt%), Aluminum Remainder

| LIMITS  | Si   | Fe   | Cu   | Mn   | Mg   | Cr   | Zn   | Ti   | Pb  | Bi  | Zr  | Ea   | Tot  |
|---------|------|------|------|------|------|------|------|------|-----|-----|-----|------|------|
| Maximum | 0.80 | 0.70 | 0.40 | 0.15 | 1.20 | 0.35 | 0.25 | 0.15 | NA  | NA  | NA  | 0.05 | 0.15 |
| Minimum | 0.40 | 0.00 | 0.15 | 0.00 | 0.80 | 0.04 | 0.30 | 0.00 | NA  | NA  | NA  | 0.00 | 0.00 |
| 1C4938  | .80  | .26  | .28  | .11  | .94  | .10  | .04  | .02  | .00 | .00 | .00 | .01  | .03  |

### Applicable Requirements:

ASIM-B221-T6 STENCILED ASME-SB221 1998 SECT II AMS-QQ-A-Z0078-97 (REAF 2012) UNS#A96C61  
T6511 also conforms to T6-not applicable to other tempers

### Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA  
MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY OF ITS COMPOUNDS ARE UTILIZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

### CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Aimee L. Macnowski, Quality & Technology Manager

*Aimee L. Macnowski*

Plant Serial: 00197068  
Kaiser Order Number: 695192  
Line Item: 008

# THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM SHEET 6061 T6  
 .0910 Nom X 48.0000" X 144.0000"  
 PART NO.

PO/Rol 30542

We certify that this is a true copy of the report  
 furnished by the producer of the metal, or data  
 resulting from tests made in approved labs.

## Certificate of Mill Test Results

BL PEC-966164 010

26Nov15

Signed by:

Pg 1/1

Page 2

### Alcoa Europe

European Mill Products  
 Alcoa Trasformazioni srl  
 Stabilimento di Fusina  
 Via dell'Industria 11  
 30176 Mahorle della  
 Valle (Venezia)  
 Italia  
 Tel: 39 041 2817121  
 Fax: 39 041 2817258



ALCOA

### INSPECTION CERTIFICATE

DOCKSIDE LOGISTICS  
 1301 CHARLESTON REGIONAL  
 Pkwy#8  
 SC79492 CHARLESTON  
 United States of America

EN 10204 3.1

Order number Alcoa 143464002  
 Date 9/12/14  
 Certificate number M14504739  
 shipment doc.ref. 013056

| Your order nr        | Your alloy | Your temper                      | Quantity     | Your Art nr |
|----------------------|------------|----------------------------------|--------------|-------------|
| CHARLE 5662-1        | 6061       | T6                               | 12589 Pounds |             |
| Global specification |            |                                  |              |             |
| ALU SHEET            | 6061 T6    | ASTM B209/B209M 4027 Mill finish |              |             |
| Dimensions           | T x W x L  | 0.0910 x 48.00 x 144.00 inches   |              |             |
| Remarks              |            |                                  |              |             |

| Chemical composition |      |      |      |      |      |       |      |       |       |            |
|----------------------|------|------|------|------|------|-------|------|-------|-------|------------|
| 6061                 |      |      |      |      |      |       |      |       |       | Others     |
| Cast No              | Si   | Fe   | Cu   | Mn   | Mg   | Cr    | Ni   | Zn    | Ti    | Each Total |
| 5430222              | 0.07 | 0.60 | 0.22 | 0.12 | 1.05 | 0.12  | 0.01 | 0.073 | 0.038 |            |
| Min.                 | 0.40 |      | 0.15 |      | 0.80 | 0.040 |      |       |       |            |
| Max.                 | 0.60 | 0.70 | 0.40 | 0.15 | 2.20 | 0.15  |      | 0.25  | 0.13  | 0.050 0.15 |

| Mechanical properties |     |       |     |  |
|-----------------------|-----|-------|-----|--|
| Coil or:              | Rm  | Rp0.2 | AS0 |  |
| Pallet                | KSI | KSI   | %   |  |
| 3725A                 | 46  | 38    | 15  |  |
| 3725A                 | 46  | 38    | 15  |  |
| 3725A                 | 46  | 38    | 15  |  |
| 3725A                 | 46  | 38    | 15  |  |
| 3725A                 | 46  | 38    | 15  |  |
| 3725A                 | 46  | 38    | 15  |  |
| 3725A                 | 46  | 38    | 15  |  |
| 3725A                 | 46  | 38    | 15  |  |
| 3725A                 | 46  | 38    | 15  |  |
| 0916558               |     |       |     |  |
| 0916559               |     |       |     |  |
| 0916560               |     |       |     |  |
| Min.                  | 42  | 35    | 10  |  |
| Max.                  |     |       |     |  |

DAS  
 74  
 9-90 15/12/02

COUNTRY OF ORIGIN ITALY

PRODUCT PRODUCED TO THE REQUIREMENT OF AMS427 REV N AND  
 ASTM B209 ALSO MEET THE REQUIREMENTS OF AMS-00-N-258-11  
 ORIGINAL REVISION DATED 1997-08-01

Approved by  
 Roberto Signori  
 Test Laboratory Supervisor

Alcoa Trasformazioni srl - Sede legale: 00010 Portofino (Cantonio-Igualles) Zona Industriale Portofino - Italia è a socio unico 100% controllato il gruppo e coordinamento di Alcoa Inc.  
 Capitale sociale € 5.000.000 interamente versato - C.F. P.IVA e Registro Imprese Capital n° 026-057021 - R.E.A. C.C.I.A.A. Capital n° 213529  
 We hereby certify, that the material described above has been tested and complies  
 with the terms of the confirmation of order.



# THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM ROUND BAR 6061-T6511  
3.00" DIA X 144.0000"  
PART NO.

PO/Rel 30542

We certify that this is a true copy of the report  
furnished by the producer of the metal, or data  
resulting from tests made in approved labs.

## Certificate of Mill Test Results

BL PEC-966164-013

26Nov15

Signed by:

Pg 1/1

**KAISER**  
**ALUMINUM**  
**FABRICATED PRODUCTS**

*Best in Class*

## CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM  
FABRICATED PRODUCTS, LLC  
5205 KAISER DRIVE  
KALAMAZOO, MI 49048

|  |                         |                                  |  |  |                      |
|--|-------------------------|----------------------------------|--|--|----------------------|
| CUSTOMER PO NUMBER:<br>PEC-270640-10   |                         | CUSTOMER PART NUMBER:<br>R72/STK |  | PRODUCT DESCRIPTION:<br>KAISERSELECT PRECISION ROD 3.000+/- .008 |                      |
| KAISER ORDER NUMBER:<br>696083   | LINE ITEM:<br>010       | SHIP DATE:<br>10/20/2015         | KAISER LOT NUMBER:<br>Z00067246  | ALLOY:<br>6061   | TEMPER:<br>T6511B    |
| WEIGHT SHIPPED:<br>3291.000 LB   | QUANTITY:<br>33.000 PCS | B/L NUMBER:<br>613585            | DIAM/DAFT/THKNS:<br>3.000  | WIDTH:<br>3.000  | LENGTH:<br>12.000 FT |
| SHIP TO:<br><br>THYSSENKRUPP CANADA<br>2821 LANGSTAFF ROAD<br>CONCORD, ON L4K 5C6 CANADA |                         |                                  | SOLD TO:<br><br>THYSSENKRUPP CANADA<br>2821 LANGSTAFF ROAD<br>CONCORD, ON L4K 5C6 CANADA |  |                      |

### Actual Physical Properties

DAS  
14 15/12/02  
3.02

| REFERENCE | DASH# | SAMPLE# | UTS (KSI) | YTS (KSI) | ELONG% | HARDNESS | CONDUCT. | BEND |
|-----------|-------|---------|-----------|-----------|--------|----------|----------|------|
| Z00067246 | 0001  | 0001    | 50.7      | C.0       | C.0    | N/A      | N/A      | N/A  |

### Chemical Composition (wt%), Aluminum Remainder

| LIMITS  | Si   | Fe   | Cu   | Mn   | Mg   | Cr   | Zn   | Ti   | Pb  | Bi  | Zr  | Ea   | Tot  |
|---------|------|------|------|------|------|------|------|------|-----|-----|-----|------|------|
| Maximum | 0.80 | 0.70 | 0.40 | 0.15 | 1.20 | 0.35 | 0.25 | 0.15 | NA  | NA  | NA  | 0.05 | 0.15 |
| Minimum | 0.40 | 0.00 | 0.15 | 0.00 | 0.80 | 0.04 | 0.00 | 0.00 | NA  | NA  | NA  | 0.00 | 0.00 |
| 105483  | .76  | .31  | .28  | .10  | .95  | .10  | .06  | .02  | .00 | .00 | .00 | .01  | .04  |

### Applicable Requirements:

PER ASTM-B221-14, STENCILED ASME-SB221 1998 SECT II PER AMS-QQ-A-200/8A QNS# A96061  
MEETS ALL SPECIFICATION REQUIREMENTS FOR 6061-T6511/T6 ELEVATED MINIMUM MECHANICAL  
PROPERTIES AS FOLLOWS: UTS = 42.0 KSI MIN YIELD = 38.0 KSI MIN ELONGATION = 10.0% MIN

### Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA  
MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY  
OF ITS COMPOUNDS ARE UTILIZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

### CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been  
inspected and tested and found in conformance with applicable specifications forming a part of the  
description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on  
Kaiser's general terms and conditions at sale. Test reports are on file, subject to examination.

Aimee L. Macnowski, Quality & Technology Manager

*Aimee L. Macnowski*

Plant Serial: 00199195

Kaiser Order Number: 696083

Line Item: 010

Page 1 of 1

# THYSSENKRUPP MATERIALS NA

PO Rel 30532

**DART AEROSPACE**  
STAINLESS STEEL ROUND BAR 303 STAINLESS  
.750" DIA X 144.0000"  
PART NO.

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

**Certificate of Mill Test Results**  
BL PEC-966164-002  
26 Nov 15  
Pg 1/1



## METALLURGICAL TEST REPORT

740 Imperial Road North

Mail To:

Certificate: 92062 3  
Customer: 007206 001

THYSSENKRUPP MATERIALS  
2821 LANGSTAFF ROAD  
CONCORD, ON L4K5C6

Ship To:

THYSSENKRUPP MATERIALS  
2821 LANGSTAFF ROAD  
CONCORD, ON L4K5C6

North American Stainless Canada Inc.  
740 Imperial Road North  
Guelph, ON N1K1Z3  
Canada

Date: 9/03/2015 Page: 1

Steel: 303

Finish: CD

Corrosion:

Your Order: PEC268617

NAS Order: PN 0055226 13

### PRODUCT DESCRIPTION:

Round Bar, Annealed, Cold Draw  
ASTM A587/32 EN 10204 3.1, ASTM A484/11  
AMS 5640 TYPE 1, QQS-764B CONDITION A  
SOLUTION ANNEAL TEMP 1900F MIN

### REMARKS:

COMPLIES W/REQUIREMENTS OF DEAR 252.225-7009 EU DIRECTIVE  
2011/65/EU. ROHS. EAF+AD+CC. NO WELD REPAIR. REHEAT AND MFG  
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

*out 5/11/15*

| Product ID | Std # | Diameter | Size | Weight | Length | Mark | Pieces | Commodity Code |
|------------|-------|----------|------|--------|--------|------|--------|----------------|
| BH1992 3   |       | .7500    |      | 777    | 144.00 | 27   | 1      |                |

### CHEMICAL ANALYSIS

CM(Country of Melt)

ES(Spain)

US(United States)

ZA(South Africa)

JP(Japan)

Lab Accreditation Bureau, ISO/IEC 17025, Certificate# 12323

Chemical Analysis per ASTM A751/08

| HEAT | CM | C %   | CO %  | CR %    | CU %  | MN %   | MO %  | N %   | NI %   | P %   |
|------|----|-------|-------|---------|-------|--------|-------|-------|--------|-------|
| V2P7 | US | .0429 | .1940 | 21.2070 | .3625 | 1.8140 | .3560 | .0456 | 8.1650 | .0315 |

| S %   | SI %  |
|-------|-------|
| .3450 | .5180 |

### MECHANICAL PROPERTIES

| Product ID | 1 d<br>o l<br>c f | HB<br>No. | .2YS<br>KSI | UTS<br>KSI | RA<br>% | Elong<br>% 4D |
|------------|-------------------|-----------|-------------|------------|---------|---------------|
| BH1992 3   | N L               | 163.0     | 91.55       | 110.59     | 33.98   | 21.78         |

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical  
Dept. Mgr.

ABHITEST BHAVE - 9/03/2015

# THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511  
250" x 6.00" X 144.0000"

PART NO.

PO/Ref 30542

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

## Certificate of Mill Test Results

BL PEC-966164-004

26Nov15

Signed by:

Pg 1/2

**KAISER**  
**ALUMINUM**  
**FABRICATED PRODUCTS**

*Best in Class*

### CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM  
FABRICATED PRODUCTS, LLC  
5205 KAISER DRIVE  
KALAMAZOO, MI 49048

|  |                                |   |  |   |                             |
|--|--------------------------------|---|--|---|-----------------------------|
| CUSTOMER PO NUMBER:<br><b>PEC-270268-1</b>   |                                | CUSTOMER PART NUMBER:<br><b>W50/STK</b> |  | PRODUCT DESCRIPTION:<br><b>250 X 6.000 PRECISION WIDE BAR</b> |                             |
| KAISER ORDER NUMBER:<br><b>695136</b>  | LINE ITEM:<br><b>001</b>       | SHIP DATE:<br><b>10/01/2015</b>         | KAISER LOT NUMBER:<br><b>41087-050</b>   | ALLOY:<br><b>6061</b>   | TEMPER:<br><b>T6511</b>     |
| WEIGHT SHIPPED:<br><b>1016.000 LB</b>  | QUANTITY:<br><b>48.000 PCS</b> | B/L NUMBER:<br><b>613391</b>            | DAW/DAP/THKNS:   | WIDTH:  | LENGTH:<br><b>12.000 FT</b> |
| SHIP TO:<br><br>THYSSENKRUPP CANADA<br>2821 LANGSTAFF ROAD<br>CONCORD, ON L4K 5C6 CANADA |                                |   | SOLD TO:<br><br>THYSSENKRUPP CANADA<br>2821 LANGSTAFF ROAD<br>CONCORD, ON L4K 5C6 CANADA |   |                             |

### Actual Physical Properties

| REFERENCE | DASH# | SAMPLE# | UTS (KSI) | YTS (KSI) | ELONG% | HARDNESS | CONDUCT. | BEND |
|-----------|-------|---------|-----------|-----------|--------|----------|----------|------|
| 41087-050 | 0001  | 1       | 45.5      | 41.1      | 15.0   | WB 16    | N/A      | N/A  |
| 41087-050 | 0001  | 2       | 47.5      | 42.9      | 15.0   | WB 16    | N/A      | N/A  |
| 41087-050 | 0001  | 3       | 47.3      | 40.7      | 16.0   | WB 15    | N/A      | N/A  |
| 41087-050 | 0001  | 4       | 46.9      | 40.3      | 17.0   | WB 15    | N/A      | N/A  |
| 41087-050 | 0001  | 5       | 47.0      | 40.4      | 16.0   | WB 15    | N/A      | N/A  |
| 41087-050 | 0001  | 6       | 46.8      | 40.2      | 17.0   | WB 15    | N/A      | N/A  |

### Chemical Composition (wt%), Aluminum Remainder

| LIMITS  | Si   | Fe   | Cu   | Mn   | Mg   | Cr   | Zn   | Ti   | Pb  | Bi  | Zr  | Ea   | Tot  |
|---------|------|------|------|------|------|------|------|------|-----|-----|-----|------|------|
| Maximum | 0.80 | 0.70 | 0.40 | 0.15 | 1.20 | 0.35 | 0.25 | 0.15 | NA  | NA  | NA  | 0.05 | 0.15 |
| Minimum | 0.40 | 0.00 | 0.15 | 0.00 | 0.80 | 0.04 | 0.00 | 0.00 | NA  | NA  | NA  | 0.00 | 0.00 |
| F46788  | .70  | .31  | .25  | .12  | .92  | .10  | .08  | .02  | .00 | .00 | .00 | .01  | .02  |

### Applicable Requirements:

ASTM-B221-14 STENCILED ASME-SR221 1998 SECT II AWS-QQ-A-200/82 (REAF 2012) UNS#A96061  
(T6511 also conforms to T6-not applicable to other tempers)

### Miscellaneous Notes

MANUFACTURED IN USA (SHERMAN, TX) MELTED IN USA  
MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY OF ITS COMPOUNDS ARE UTILIZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

DAS  
14  
9-89

*15/12/02*

Plant Serial: 00196233

Kaiser Order Number: 695136

Line Item: 001

# THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511

.250" x 6.00" X 144.0000"

PART NO.

PO/Rel 30542

We certify that this is a true copy of the report  
furnished by the producer of the metal, or data  
resulting from tests made in approved labs.

## Certificate of Mill Test Results

BL PEC-966164-004

26Nov15

Signed by: 

Pg 2/2

**KAISER**  
**ALUMINUM**  
**FABRICATED PRODUCTS**

KAISER ALUMINUM  
FABRICATED PRODUCTS, LLC  
5205 KAISER DRIVE  
KALAMAZOO, MI 49048

*Best in Class*

### CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

#### CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Aimee L. Macnowski, Quality & Technology Manager

*Aimee L. Macnowski*

Plant Serial: 00196233

Kaiser Order Number: 695136

Line Item: 001

Page 2 of 2

# THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM SQUARE BAR 6061-T6511  
1.250" X 144.0000"  
PART NO.

PO/Ref 30542

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

## Certificate of Mill Test Results

BL PEC-966164-006

26Nov15

Pg 1/1

Signed by: *[Signature]*

**KAISER**  
**ALUMINUM**  
**FABRICATED PRODUCTS**

*Best in Class*

### CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM  
FABRICATED PRODUCTS, LLC  
5205 KAISER DRIVE  
KALAMAZOO, MI 49048

|  |                                |   |  |  |                             |
|--|--------------------------------|---|--|--|-----------------------------|
| CUSTOMER PO NUMBER:<br><b>PEC-269672-5</b>   |                                | CUSTOMER PART NUMBER:<br><b>386/STK</b> |  | PRODUCT DESCRIPTION:<br><b>1.250 SC SQ BAR</b> |                             |
| KAISER ORDER NUMBER:<br><b>693339</b>  | LINE ITEM:<br><b>005</b>       | SHIP DATE:<br><b>09/03/2015</b>         | KAISER LOT NUMBER:<br><b>Z00240087</b>   | ALLOY:<br><b>6061</b>                          | TEMPER:<br><b>T6511</b>     |
| WEIGHT SHIPPED:<br><b>1058.000 LB</b>  | QUANTITY:<br><b>48.000 PCS</b> | B/L NUMBER:<br><b>613075</b>            | DIAMETER/THKNS:<br><b></b>   | WIDTH:<br><b></b>                              | LENGTH:<br><b>12.000 FT</b> |
| SHIP TO:<br><br>THYSSENKRUPP CANADA<br>2821 LANGSTAFF ROAD<br>CONCORD, ON L4K 5C6 CANADA |                                |   | SOLD TO:<br><br>THYSSENKRUPP CANADA<br>2821 LANGSTAFF ROAD<br>CONCORD, ON L4K 5C6 CANADA |  |                             |

### Actual Physical Properties

| REFERENCE | DASH# | SAMPLE# | UTS (KSI) | YTS (KSI) | ELONG% | HARDNESS | CONDUCT. | BEND |
|-----------|-------|---------|-----------|-----------|--------|----------|----------|------|
| Z00240087 | C001  | 0001    | 45.3      | 41.6      | 17.2   | RE 93    | N/A      | N/A  |
| Z00240087 | C001  | 0002    | 45.0      | 41.5      | 15.8   | RE 93    | N/A      | N/A  |
| Z00240087 | C001  | 0003    | 44.1      | 40.2      | 18.6   | RE 93    | N/A      | N/A  |

### Chemical Composition (wt%), Aluminum Remainder

| LIMITS  | Si   | Fe   | Cu   | Mn   | Mg   | Cr   | Zn   | Ti   | Pb  | Bi  | Zr  | Ea   | Tot  |
|---------|------|------|------|------|------|------|------|------|-----|-----|-----|------|------|
| Maximum | 0.80 | 0.70 | 0.40 | 0.15 | 1.20 | 0.35 | 0.25 | 0.15 | NA  | NA  | NA  | 0.05 | 0.15 |
| Minimum | 0.40 | 0.00 | 0.15 | 0.00 | 0.80 | 0.04 | 0.00 | 0.00 | NA  | NA  | NA  | 0.00 | 0.00 |
| 105241  | .60  | .26  | .21  | .08  | .83  | .07  | .05  | .02  | .00 | .00 | .00 | .01  | .03  |

### Applicable Requirements:

ASTM-B221-14 STENCILED ASME-SB221 1998 SECT II AMS-QQ-A-200/8 97 (REAF 2012) UNS#A96061  
(T6511 also conforms to T6-nch applicable to other tempers)

### Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA  
MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY OF ITS COMPOUNDS ARE UTILIZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

### CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Ainee L. Macnowski, Quality & Technology Manager

*Ainee L. Macnowski*

DAS  
74  
11-89

*15/12/02*

Plant Serial: 00192172

Kaiser Order Number: 693339

Line Item: 005



# THYSSENKRUPP MATERIALS NA

**DART AEROSPACE**  
ALUMINUM ROUND BAR 6061-T6511  
350" DIA X 144.0000"  
PART NO.

PO/Kit 30542

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results  
BL PEC-966164-008  
26 Nov 15  
Pg 1/1



**Nanshan America**  
Advanced Aluminum Technologies  
3600 US Hwy 52 South  
Lafayette, Indiana 47909  
Main Office: (765) 269-4360

## CERTIFIED INSPECTION REPORT FOR EXTRUDED PRODUCTS

|   |                                  |                           |                               |
|---|----------------------------------|---------------------------|-------------------------------|
| BILL TO<br>10038 - B01-ThyssenKrupp Materials NA, Tor | MANIFEST NUMBER<br>9310          | ONE NUMBER<br>1001        | DATE OF SHIPMENT<br>7/20/2015 |
| SHIP TO<br>10038 - B01-ThyssenKrupp Materials NA, Tor | CUSTOMER PO<br>PEC-267682        | ALLOY<br>6061             | TEMPER<br>T6511               |
|   | CUSTOMER PART NUMBER<br>40-00478 | DESCRIPTION<br>Rod 0.750" | SALESMAN<br>Scott Rarick      |

Applicable Requirements  
ASTM B221-19 AMS-QQ-A-200/8  
(2012-09) T6511 also conforms to T6  
ASME SB221 - 1998 sect II

|                            |           |
|----------------------------|-----------|
| OUR ORDER NUMBER<br>104337 | ITEM<br>3 |
|----------------------------|-----------|

Melted in USA  
Manufactured in USA

### Mechanical Properties

| Lot      | Cast Number   | Test No.   | Test Date | Ultimate Tensile Strength (KSI) | Yield Strength (KSI) | Percent Elongation | Hardness | Conductivity |
|----------|---------------|------------|-----------|---------------------------------|----------------------|--------------------|----------|--------------|
| 104337 3 | 1-A-1 1506025 | 6061 T6511 | 15070430  | 07/15/15                        | 48.7                 | 44.1               | 16%      |              |

### Chemical Limits

| Alloy 6061 | Si   | Fe   | Cu   | Mn   | Mg   | Cr   | Ni   | Zn   | Ti   | Ga   | V    | B    | Zr   | Bi   | Pb   | Sn   | Sr   | Co   | Each | Total |
|------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| Minimum    | 0.65 | 0.22 | 0.28 | 0.06 | 0.84 | 0.06 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.12  |
| Maximum    | 0.78 | 0.55 | 0.36 | 0.14 | 0.98 | 0.14 | 0.03 | 0.24 | 0.08 | 0.03 | 0.00 | 0.03 | 0.03 | 0.03 | 0.05 | 0.03 | 0.03 | 0.03 |      |       |

Density: Electrical Conductivity: Thermal Conductivity: Alloy Constant:

### Chemical Composition

| Cast Number | Si   | Fe   | Cu   | Mn   | Mg   | Cr   | Ni   | Zn   | Ti   | Ga   | V    | B    | Zr   | Bi   | Pb   | Sn   | Sr   | Co   | Al    | Other |
|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| 1506025     | 0.72 | 0.48 | 0.33 | 0.10 | 0.86 | 0.08 | 0.01 | 0.10 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 97.26 | 0.05  |

**Nanshan America hereby certifies** that the material covered by this report has been inspected in accordance with, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. Mercury is not a normal contaminant in aluminum alloys. All Material is ROHS Compliant. Neither mercury nor any of its compounds were utilized by Nanshan America in the manufacture of this material. Material complies with FAR BAA (FAR 52.225-1, Buy American Act-Supplies), DFARS BAA (DFARS 252.225-7001 Buy American Act & Bal of Payments Prog), and FAR TAA (FAR 52.225-5 Trade Agreements) Temper T6511 meets T6 Requirements

Edward Rarick  
Quality Manager

# THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511  
1.50" x 3.00" X 144.0000"  
PART NO.

PO/Rel 30542

We certify that this is a true copy of the report  
furnished by the producer of the metal, or data  
resulting from tests made in approved labs.

## Certificate of Mill Test Results

BL PEC-966164-011

26Nov15

Pg 1/1

Signed by: *[Signature]*

**KAISER**  
**ALUMINUM**  
**FABRICATED PRODUCTS**

KAISER ALUMINUM  
FABRICATED PRODUCTS, LLC  
5205 KAISER DRIVE  
KALAMAZOO, MI 49048

### CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

|  |                                |   |  |  |                             |
|--|--------------------------------|---|--|--|-----------------------------|
| CUSTOMER PO NUMBER:<br><b>PEC-270868-4</b>   |                                | CUSTOMER PART NUMBER:<br><b>471/STK</b> |  | PRODUCT DESCRIPTION:<br><b>1 500 X 3.000 SC RECT BAR</b> |                             |
| KAISER ORDER NUMBER:<br><b>696737</b>  | LINE ITEM:<br><b>004</b>       | SHIP DATE:<br><b>10/30/2015</b>         | KAISER LOT NUMBER:<br><b>Z00649040</b>   | ALLOY:<br><b>6061</b>                                    | TEMPER:<br><b>T6511</b>     |
| WEIGHT SHIPPED:<br><b>1524.000 LB</b>  | QUANTITY:<br><b>24.000 PCS</b> | B/L NUMBER:<br><b>813715</b>            | QUANTITY IN PKGS.<br><b></b>   | WIDTH:<br><b></b>  | LENGTH:<br><b>12.000 FT</b> |
| SHIP TO:<br><br>THYSSENKRUPP CANADA<br>2821 LANGSTAFF ROAD<br>CONCORD, ON L4K 5C6 CANADA |                                |   | SOLD TO:<br><br>THYSSENKRUPP CANADA<br>2821 LANGSTAFF ROAD<br>CONCORD, ON L4K 5C6 CANADA |  |                             |

### Actual Physical Properties

| REFERENCE | DASH# | SAMPLE# | UTS (KSI) | YTS (KSI) | ELONG% | HARDNESS | CONDUCT. | BEND |
|-----------|-------|---------|-----------|-----------|--------|----------|----------|------|
| Z00649040 | C001  | 0001    | 43.5      | 39.0      | 19.5   | RE 90    | N/A      | N/A  |
| Z00649040 | C001  | 0002    | 44.3      | 40.3      | 17.4   | RE 90    | N/A      | N/A  |

### Chemical Composition (wt%), Aluminum Remainder

| LIMITS  | Si   | Fe   | Cu   | Mn   | Mg   | Cr   | Zn   | Ti   | Pb  | Bi  | Zr  | Ea   | Tot  |
|---------|------|------|------|------|------|------|------|------|-----|-----|-----|------|------|
| Maximum | 0.80 | 0.70 | 0.40 | 0.15 | 1.20 | 0.35 | 0.25 | 0.15 | NA  | NA  | NA  | 0.05 | 0.15 |
| Minimum | 0.40 | 0.00 | 0.15 | 0.00 | 0.80 | 0.04 | 0.00 | 0.00 | NA  | NA  | NA  | 0.00 | 0.00 |
| 105432  | .59  | .26  | .20  | .08  | .86  | .07  | .04  | .02  | .00 | .00 | .00 | .01  | .04  |

### Applicable Requirements:

ASTM-B221-14 STENCILED ASME-SB221 1998 SECT II AMS-QQ-A-200/EA UNS#A96061 (T6511 also conforms to T6-not applicable to other tempers)

### Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA

MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY OF ITS COMPOUNDS ARE UTILIZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

### CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Aimee L. Macnowski, Quality & Technology Manager

*Aimee L. Macnowski*

DAS

14

9-89

*15/12/02*

Plant Serial: 00200833

Kaiser Order Number: 696737

Line Item: 004

Page 1 of 1

# THYSSENKRUPP MATERIALS NA

DART-AEROSPACE

ALUMINUM FLAT BAR 6061-T6511

1.00" x 2.00" X 144.0000"

PART NO.

PO/Rel 30542

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

## Certificate of Mill Test Results

BL PEC-966164-012

26Nov15

Signed by:

Pg 1/1

**KAISER**  
**ALUMINUM**  
**FABRICATED PRODUCTS**

*Best in Class*

### CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM  
FABRICATED PRODUCTS, LLC  
5205 KAISER DRIVE  
KALAMAZOO, MI 49048

|  |                         |                                  |  |  |                      |
|--|-------------------------|----------------------------------|--|--|----------------------|
| CUSTOMER PO NUMBER:<br>PEC-271017-4  |                         | CUSTOMER PART NUMBER:<br>B22/STK |  | PRODUCT DESCRIPTION:<br>1.000 X 2.000 SC RECT BAR. |                      |
| KAISER ORDER NUMBER:<br>697129   | LINE ITEM:<br>004       | SHIP DATE:<br>11/03/2015         | KAISER LOT NUMBER:<br>HK104-206  | ALLOY:<br>6061                                     | TEMPER:<br>T6511     |
| WEIGHT SHIPPED:<br>1016.000 LB   | QUANTITY:<br>36.000 PCS | B/L NUMBER:<br>613746            | DIAM/DAF/THKNS:<br>  | WIDTH:<br>   | LENGTH:<br>12.000 FT |
| SHIP TO:<br><br>THYSSENKRUPP CANADA<br>2821 LANGSTAFF ROAD<br>CONCORD, ON L4K 5C6 CANADA |                         |                                  | SOLD TO:<br><br>THYSSENKRUPP CANADA<br>2821 LANGSTAFF ROAD<br>CONCORD, ON L4K 5C6 CANADA |  |                      |

### Actual Physical Properties

| REFERENCE | DASH# | SAMPLE# | UTS (KSI) | YTS (KSI) | ELONG% | HARDNESS | CONDUCT. | BEND |
|-----------|-------|---------|-----------|-----------|--------|----------|----------|------|
| HK104-206 | 0001  | 1       | 50.5      | 44.2      | 19.0   | RE 94    | N/A      | N/A  |
| HK104-206 | 0001  | 2       | 50.5      | 44.2      | 19.0   | RE 94    | N/A      | N/A  |
| HK104-206 | 0001  | 3       | 54.8      | 43.9      | 16.0   | RE 94    | N/A      | N/A  |
| FK104-206 | 0001  | 4       | 50.2      | 44.1      | 19.0   | RE 98    | N/A      | N/A  |
| EK104-206 | 0001  | 5       | 54.0      | 43.2      | 16.0   | RE 97    | N/A      | N/A  |

### Chemical Composition (wt%), Aluminum Remainder

| LIMITS  | Si   | Fe   | Cu   | Mn   | Mg   | Cr   | Zn   | Ti   | Pb  | Bi  | Zr  | Ea   | Tot  |
|---------|------|------|------|------|------|------|------|------|-----|-----|-----|------|------|
| Maximum | 0.80 | 0.70 | 0.40 | 0.15 | 1.20 | 0.35 | 0.25 | 0.15 | NA  | NA  | NA  | 0.05 | 0.15 |
| Minimum | 0.40 | 0.00 | 0.15 | 0.00 | 0.80 | 0.04 | 0.00 | 0.00 | NA  | NA  | NA  | 0.00 | 0.00 |
| H45805  | .74  | .28  | .29  | .09  | .97  | .10  | .04  | .02  | .00 | .00 | .00 | .01  | .02  |

### Applicable Requirements:

ASTM-B221-14 STENCILED ASME-SB221 1998 SECT II 7MS-QQ-A-200/84 UNS#A96061 (T6511 also conforms to T6-not applicable to other tempers)

### Miscellaneous Notes

MANUFACTURED IN USA (SHERMAN, TX) METTED IN USA  
MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY OF ITS COMPOUNDS ARE UTILITZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

### CERTIFICATION

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Aimee L. Macnowski, Quality & Technology Manager

*Aimee L. Macnowski*

043  
14  
9-89

15/12/02

Plant Serial: JG201400

Kaiser Order Number: 697129

Line Item: 004

Page 1 of 1

# THYSSENKRUPP MATERIALS NA

DART AEROSPAC

STAINLESS STEEL ROUND BAR 304L  
1.00" DIA X 144.0000"  
PART NO.

PO/Rel 30542

We certify that this is a true copy of the report  
furnished by the producer of the metal, or data  
resulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results  
BL PEC-966164-003  
26Nov15  
Pg 1/1



740 Imperial Road North

## METALLURGICAL TEST REPORT

North American Stainless Canada Inc.  
740 Imperial Road North  
Guelph, ON N1K1Z3  
Canada

Certificate: 111441 3

Mail To:  
THYSSENKRUPP MATERIALS  
2821 LANGSTAFF ROAD  
CONCORD, ON L4K5C6

Ship To:

THYSSENKRUPP MATERIALS  
2821 LANGSTAFF ROAD  
CONCORD, ON L4K5C6

Date: 11/05/2015

Page: 1

Customer: 007206 001

CONCORD, ON L4K5C6

Steel: 304/304L

Finish: CD

Your Order: PEC270238

NAS Order: PN 0058159 01

Corrosion: ASTM A262-10 Prac A/E OK  
Red Ratio: 69.4 : 1

### PRODUCT DESCRIPTION:

Round Bar, Annealed, Cold Draw  
UNS 30400/30403 EN 10204 3.1, ASTM A484/13a  
ASTM A276/13, ASTM A479/13a, ASTM A182/13 CHEM ONLY,  
ASTM A479/13, ASME SA479/10 CHEM ONLY  
AMS 5639H, AMS 5647J, AMS Q08-763C, Q08-763F, ASTM F899/11  
SOLUTION ANNEAL TEMP 1900F MIN, ASTM A320/08 CL 1 GR B8  
ASTM A193/10A-ASME SA193/10 CL 1 GR B8

### REMARKS:

COMPLIES W/REQUIREMENTS OF DPAR 252.225-7009 EU DIRECTIVE  
2011/65/EU, ROHS, EAF+AD+CC. NO WELD REPAIR. MELTED AND MFG  
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

DAS  
14  
15/12/02

| Product ID | Skid # | Diameter | Size | Weight | Length | Mark | Pieces | Commodity Code |
|------------|--------|----------|------|--------|--------|------|--------|----------------|
| BH5336 6   |        | 1.0000   |      | 1.302  | 144.00 | 3    | 1      |                |

### CHEMICAL ANALYSIS

CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan)

Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L2323  
Chemical Analysis per ASTM A751/08

| HEAT  | CM    | C %   | CO %  | CR %    | CU %  | MN %   | MO %  | N %   | NI %   | P %   |
|-------|-------|-------|-------|---------|-------|--------|-------|-------|--------|-------|
| W815  | VS    | .0156 | .1585 | 18.0300 | .4015 | 1.3880 | .3735 | .0805 | 8.4885 | .0310 |
| S %   | SI %  |       |       |         |       |        |       |       |        |       |
| .0240 | .2910 |       |       |         |       |        |       |       |        |       |

### MECHANICAL PROPERTIES

| Product ID | 1 d<br>0 1<br>0 x | HB<br>NO. | .2Y8<br>KSI | UTS<br>KSI | RA<br>% | Elng<br>% 4D |
|------------|-------------------|-----------|-------------|------------|---------|--------------|
| BH5336 6   | RL                | 206.0     | 73.09       | 98.15      | 71.16   | 44.93        |

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy  
of the test methods used, the material meets the specifications stated. These results relate only to the items  
tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical  
Dept. Mgr.

11/8/2015

# THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLT BAR ECONOPLT 6061-T6511

.500" X 10.00" X 144.0000"

PART NO.

PO/Rel 30542

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

## Certificate of Mill Test Results

BL PEC-966164-005

26Nov15

Signed by:

Pg 1/1

**KAISER**  
**ALUMINUM**  
**FABRICATED PRODUCTS**

*Best in Class*

## CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM  
FABRICATED PRODUCTS, LLC  
5205 KAISER DRIVE  
KALAMAZOO, MI 49048

|  |                         |                                  |  |   |                      |
|--|-------------------------|----------------------------------|--|---|----------------------|
| CUSTOMER PO NUMBER:<br>PEC-270456-7  |                         | CUSTOMER PART NUMBER:<br>W60/STK |  | PRODUCT DESCRIPTION:<br>500 X 10.000 PRECISION WIDE BAR |                      |
| KAISER ORDER NUMBER:<br>695536   | LINE ITEM:<br>007       | SHIP DATE:<br>10/27/2015         | KAISER LOT NUMBER:<br>Z00191079  | ALLOY:<br>6061  | TEMPER:<br>T6511     |
| WEIGHT SHIPPED:<br>1128.000 LB   | QUANTITY:<br>16.000 PCS | B/L NUMBER:<br>613668            | DIAMETER/THKNS:<br>  | WIDTH:<br>  | LENGTH:<br>12.000 FT |
| SHIP TO:<br><br>THYSSENKRUPP CANADA<br>2821 LANGSTAFF ROAD<br>CONCORD, ON L4K 5C6 CANADA |                         |                                  | SOLD TO:<br><br>THYSSENKRUPP CANADA<br>2821 LANGSTAFF ROAD<br>CONCORD, ON L4K 5C6 CANADA |   |                      |

### Actual Physical Properties

DAS

14

9-89

15/12/02

| REFERENCE | DASH# | SAMPLE# | UTS (KSI) | YTS (KSI) | ELONG% | HARDNESS | CONDUCT. | BEND |
|-----------|-------|---------|-----------|-----------|--------|----------|----------|------|
| Z00191079 | 0001  | 0001    | 44.0      | 39.9      | 16.1   | RE 94    | N/A      | N/A  |
| Z00191079 | 0001  | 0002    | 44.2      | 40.0      | 15.1   | RE 94    | N/A      | N/A  |

### Chemical Composition (wt%), Aluminum Remainder

| LIMITS  | Si   | Fe   | Cu   | Mn   | Mg   | Cr   | Zn   | Ti   | Pb  | Bi  | Zr  | Ea   | Tot  |
|---------|------|------|------|------|------|------|------|------|-----|-----|-----|------|------|
| Maximum | 0.80 | 0.70 | 0.40 | 0.15 | 1.20 | 0.35 | 0.25 | 0.15 | NA  | NA  | NA  | 0.05 | 0.15 |
| Minimum | 0.40 | 0.00 | 0.15 | 0.00 | 0.80 | 0.04 | 0.00 | 0.00 | NA  | NA  | NA  | 0.00 | 0.00 |
| 105432  | .59  | .26  | .20  | .08  | .86  | .07  | .04  | .02  | .00 | .00 | .00 | .01  | .04  |

### Applicable Requirements:

ASTM-B221-24 STENCILED ASME-SB221 1998 SECT II AMS-QQ-A-200/8A UNS#A96061 (T6511 also conforms to T6-not applicable to other tempers)

### Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA

MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY OF ITS COMPOUNDS ARE UTILIZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

### CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Aimee L. Macnowski, Quality & Technology Manager

*Aimee L. Macnowski*

Plant Serial: 00200320

Kaiser Order Number: 695536

Line Item: 007

Page 1 of 1



# THYSSENKRUPP MATERIALS NA

**PART AEROSPACE**  
ALUMINUM ROUND BAR 6061-T6511  
1.00" DIA X 144.0000"  
PART NO.

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

**Certificate of Mill Test Results**  
BL PEC-966164-009  
26 Nov 15  
Pg 1/1



**Nanshan America**  
Advanced Aluminum Technologies  
3600 US Hwy 52 South  
Lafayette, Indiana 47909  
Main Office: (765) 269-4360

## CERTIFIED INSPECTION REPORT FOR EXTRUDED PRODUCTS

|                  |      |
|------------------|------|
| OUR ORDER NUMBER | ITEM |
| 104417           | 1    |

|   |                      |             |                  |
|---|----------------------|-------------|------------------|
| BILL TO                                     | MANIFEST NUMBER      | DIE NUMBER  | DATE OF SHIPMENT |
| 10038 - B01-ThyssenKrupp Materials NA, Torp | 9628                 | 1003        | 7/30/2015        |
| SHIP TO                                     | CUSTOMER PO          | ALLOT       | TEMPER           |
| 10038 - B01-ThyssenKrupp Materials NA, Torp | PEC-267810           | 6061        | T6511            |
| CUSTOMER PART NUMBER                        | CUSTOMER PART NUMBER | DESCRIPTION | SALESMAN         |
|   | 40-00453             | 1.0" Rod    | Scott Ranick     |

Applicable Requirements:  
ASTM B221-14 AMS-QQ-A-200/8  
(2012-09) T6511 also conforms to T6  
ASME SB221 - 1998 sect II

Melted in USA  
Manufactured in USA

### Mechanical Properties

| Alloy | Temper | Test No.   | Test Date  | Ultimate Tensile Strength (KSI) | Yield Strength (KSI) | Percent Elongation | Hardness | Conductivity |
|-------|--------|------------|------------|---------------------------------|----------------------|--------------------|----------|--------------|
| 6061  | T6511  | 15,070,653 | 07/20/2015 | 48.0                            | 44.1                 | 18%                |          |              |

### Chemical Limits

| Alloy      | Si   | Fe   | Cu   | Mn   | Mg   | Cr   | Ni   | Zn   | Al   | Ga   | V    | B    | Zr   | Bi   | Pb   | Sn   | Sr   | Ca   | Each | Total |
|------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| ALLOY 6061 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |
| Minimum    | 0.65 | 0.22 | 0.28 | 0.06 | 0.84 | 0.08 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.12  |
| Maximum    | 0.78 | 0.55 | 0.38 | 0.14 | 0.98 | 0.14 | 0.03 | 0.24 | 0.08 | 0.03 | 0.03 | 0.00 | 0.03 | 0.03 | 0.05 | 0.03 | 0.03 | 0.03 |      |       |

Density:

Electrical Conductivity:

Thermal Conductivity:

Alloy Constant

### Chemical Composition

| Cast Number | Si   | Fe   | Cu   | Mn   | Mg   | Cr   | Ni   | Zn   | Al   | Ga   | V    | B | Zr | Bi | Pb | Sn | Sr | Ca | Other |
|-------------|------|------|------|------|------|------|------|------|------|------|------|---|----|----|----|----|----|----|-------|
| 1507008     | 0.66 | 0.54 | 0.31 | 0.07 | 0.96 | 0.06 | 0.01 | 0.02 | 0.02 | 0.01 | 0.01 |   |    |    |    |    |    |    | 97.33 |

**Nanshan America hereby certifies** that the material covered by this report has been inspected in accordance with, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. Mercury is not a normal contaminant in aluminum alloys. All Material is ROHS Compliant. Neither mercury nor any of its compounds were utilized by Nanshan America in the manufacture of this material. Material complies with FAR BAA (FAR 52.225-1, Buy American Act-Supplies), DFARS BAA (DFARS 252.225-7001 Buy American Act & Bal of Payments Prog), and FAR TAA (FAR 52.225-5 Trade Agreements) Temper T6511 meets T6 Requirements

Edvard Vinarick  
Quality Manager

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M303  
 DATE: 15/11/30

PO / BATCH NO.: 30542/133699

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 96'  
 QUANTITY INSPECTED: 96'  
 QUANTITY REJECTED: \_\_\_\_\_

THICKNESS ORDERED: R. 750  
 THICKNESS RECEIVED: R. 750  
 SHEET SIZE ORDERED: \_\_\_\_\_  
 SHEET SIZE RECEIVED: \_\_\_\_\_

| DESCRIPTION  | NCR<br>(Check<br>Y/N)              |                                    | COMMENTS |
|--|------------------------------------|------------------------------------|----------|
| SURFACE DAMAGE                                     | Y                                  | <input checked="" type="radio"/> N |          |
| CORRECT FINISH                                     | <input checked="" type="radio"/> Y | N                                  |          |
| CORROSION  | Y                                  | <input checked="" type="radio"/> N |          |
| CORRECT GRAIN DIRECTION                            | <input checked="" type="radio"/> Y | N                                  |          |
| CORRECT MATERIAL                                   | <input checked="" type="radio"/> Y | N                                  |          |
| CORRECT THICKNESS                                  | <input checked="" type="radio"/> Y | N                                  |          |
| PHOTO REQUIRED                                     | Y                                  | <input checked="" type="radio"/> N |          |
| CORRECT MATERIAL                                   | <input checked="" type="radio"/> Y | N                                  |          |
| CORRECT REF # TO LINK CERT                         | <input checked="" type="radio"/> Y | N                                  |          |
| CORRECT MATERIAL IDENTIFICATION                    | <input checked="" type="radio"/> Y | N                                  |          |
| CORRECT M# ON THE MATERIAL                         | <input checked="" type="radio"/> Y | N                                  |          |
| DOES THIS MATERIAL REQUIRE<br>ENGINEERING SIGN OFF | Y                                  | <input checked="" type="radio"/> N |          |
| DOES THIS REQUIRE AN<br>EXTRUSION REPORT           | Y                                  | <input checked="" type="radio"/> N |          |

| CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK.<br>RECORD RESULTS BELOW |     |     |       |       |
|--|-----|-----|-------|-------|
| TYPE OF MATERIAL<br>SIZE OF TEST SAMPLE<br>HARDNESS / DUROMETER READING            | HRC | HRB | DUR A | DUR D |
|  |     |     |       |       |
|  |     |     |       |       |

*testers located in the Quality Office*

| QC 18 INSPECTION                                      |                                     | ENGINEERING SIGNOFF (if required) |
|---|-------------------------------------|-----------------------------------|
| INSPECTED BY: <u>74 9-33</u><br>DATE: <u>15/11/30</u> | SIGNED OFF BY: _____<br>DATE: _____ |                                   |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL M6061T6  
DATE 15/12/02

PO / BATCH NO 30542/133699

MATERIAL CERT REC'D yes  
QUANTITY RECEIVED 24'  
QUANTITY INSPECTED 24'  
QUANTITY REJECTED \_\_\_\_\_

THICKNESS ORDERED .250X6.00  
THICKNESS RECEIVED .250X6.00  
SHEET SIZE ORDERED \_\_\_\_\_  
SHEET SIZE RECEIVED \_\_\_\_\_

| DESCRIPTION  | NCR<br>(Check<br>Y/N)                 | COMMENTS |
|--|---------------------------------------|----------|
| SURFACE DAMAGE                                     | Y <input checked="" type="checkbox"/> |          |
| CORRECT FINISH                                     | <input checked="" type="checkbox"/> N |          |
| CORROSION  | Y <input checked="" type="checkbox"/> |          |
| CORRECT GRAIN DIRECTION                            | <input checked="" type="checkbox"/> N |          |
| CORRECT MATERIAL                                   | <input checked="" type="checkbox"/> N |          |
| CORRECT THICKNESS                                  | <input checked="" type="checkbox"/> N |          |
| PHOTO REQUIRED                                     | Y <input checked="" type="checkbox"/> |          |
| CORRECT MATERIAL                                   | <input checked="" type="checkbox"/> N |          |
| CORRECT REF # TO LINK CERT                         | <input checked="" type="checkbox"/> N |          |
| CORRECT MATERIAL IDENTIFICATION                    | <input checked="" type="checkbox"/> N |          |
| CORRECT M# ON THE MATERIAL                         | <input checked="" type="checkbox"/> N |          |
| DOES THIS MATERIAL REQUIRE<br>ENGINEERING SIGN OFF | Y <input checked="" type="checkbox"/> |          |
| DOES THIS REQUIRE AN<br>EXTRUSION REPORT           | Y <input checked="" type="checkbox"/> |          |

| CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK<br>RECORD RESULTS BELOW |     |     |       |       |
|---|-----|-----|-------|-------|
| TYPE OF MATERIAL  | HRC | HRB | DUR A | DUR D |
| SIZE OF TEST SAMPLE   |     |     |       |       |
| HARDNESS / DUROMETER READING  |     |     |       |       |

*testers located in the Quality Office*

| QC 18 INSPECTION         |                     | ENGINEERING SIGNOFF (if required) |  |
|--------------------------|---------------------|-----------------------------------|--|
| INSPECTED BY: <u>DAS</u> | SIGNED OFF BY _____ |                                   |  |
| DATE <u>15/12/02</u>     | DATE _____          |                                   |  |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL M6061T6  
 DATE 15/12/02

PO / BATCH NO 30542/133699

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED 12'  
 QUANTITY INSPECTED 12'  
 QUANTITY REJECTED \_\_\_\_\_

THICKNESS ORDERED 1.25X1.25  
 THICKNESS RECEIVED 1.25X1.25  
 SHEET SIZE ORDERED \_\_\_\_\_  
 SHEET SIZE RECEIVED \_\_\_\_\_

| DESCRIPTION  | NCR<br>(Check<br>Y/N)            |                                  | COMMENTS |
|--|----------------------------------|----------------------------------|----------|
| SURFACE DAMAGE                                     | Y                                | <input checked="" type="radio"/> |          |
| CORRECT FINISH                                     | <input checked="" type="radio"/> | N                                |          |
| CORROSION  | Y                                | <input checked="" type="radio"/> |          |
| CORRECT GRAIN DIRECTION                            | <input checked="" type="radio"/> | N                                |          |
| CORRECT MATERIAL                                   | <input checked="" type="radio"/> | N                                |          |
| CORRECT THICKNESS                                  | <input checked="" type="radio"/> | N                                |          |
| PHOTO REQUIRED                                     | Y                                | <input checked="" type="radio"/> |          |
| CORRECT MATERIAL                                   | <input checked="" type="radio"/> | N                                |          |
| CORRECT REF # TO LINK CERT                         | <input checked="" type="radio"/> | N                                |          |
| CORRECT MATERIAL IDENTIFICATION                    | <input checked="" type="radio"/> | N                                |          |
| CORRECT M# ON THE MATERIAL                         | <input checked="" type="radio"/> | N                                |          |
| DOES THIS MATERIAL REQUIRE<br>ENGINEERING SIGN OFF | Y                                | <input checked="" type="radio"/> |          |
| DOES THIS REQUIRE AN<br>EXTRUSION REPORT           | Y                                | <input checked="" type="radio"/> |          |

| CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK<br>RECORD RESULTS BELOW |     |     |       |       |  |
|---|-----|-----|-------|-------|--|
| TYPE OF MATERIAL<br>SIZE OF TEST SAMPLE<br>HARDNESS / DUROMETER READING           | HRC | HRB | DUR A | DUR D |  |
|   |     |     |       |       |  |
|   |     |     |       |       |  |

*testers located in the Quality Office*

| QC 18 INSPECTION   |                                     | ENGINEERING SIGNOFF (if required) |
|--|-------------------------------------|-----------------------------------|
| INSPECTED BY <u>JAS</u><br><u>14</u><br>DATE <u>15/12/02</u> | SIGNED OFF BY: _____<br>DATE: _____ |                                   |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M606TT6  
DATE: 15/12/02

PO / BATCH NO: 30542/133699

MATERIAL CERT REC'D yes  
QUANTITY RECEIVED 12'  
QUANTITY INSPECTED: 12'  
QUANTITY REJECTED: \_\_\_\_\_

THICKNESS ORDERED 3.00 X 1.50  
THICKNESS RECEIVED 3.00 X 1.50  
SHEET SIZE ORDERED \_\_\_\_\_  
SHEET SIZE RECEIVED \_\_\_\_\_

| DESCRIPTION  | NCR<br>(Check<br>Y/N)   | COMMENTS |
|--|---|----------|
| SURFACE DAMAGE                                     | Y <input checked="" type="checkbox"/> N                                     |          |
| CORRECT FINISH                                     | <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N |          |
| CORROSION  | Y <input checked="" type="checkbox"/> N                                     |          |
| CORRECT GRAIN DIRECTION                            | <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N |          |
| CORRECT MATERIAL                                   | <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N |          |
| CORRECT THICKNESS                                  | <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N |          |
| PHOTO REQUIRED                                     | Y <input checked="" type="checkbox"/> N                                     |          |
| CORRECT MATERIAL                                   | <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N |          |
| CORRECT REF # TO LINK CERT                         | <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N |          |
| CORRECT MATERIAL IDENTIFICATION                    | <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N |          |
| CORRECT M# ON THE MATERIAL                         | <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N |          |
| DOES THIS MATERIAL REQUIRE<br>ENGINEERING SIGN OFF | Y <input checked="" type="checkbox"/> N                                     |          |
| DOES THIS REQUIRE AN<br>EXTRUSION REPORT           | Y <input checked="" type="checkbox"/> N                                     |          |

| CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK<br>RECORD RESULTS BELOW |     |     |       |       |  |
|---|-----|-----|-------|-------|--|
| TYPE OF MATERIAL<br>SIZE OF TEST SAMPLE<br>HARDNESS / DUROMETER READING           | HRC | HRB | DUR A | DUR D |  |
|   |     |     |       |       |  |
|   |     |     |       |       |  |

*testers located in the Quality Office*

| QC 18 INSPECTION |  | ENGINEERING SIGNOFF (if required) |       |
|------------------|--|-----------------------------------|-------|
| INSPECTED BY     | <u>945</u><br><u>14</u><br><u>9-88</u> | SIGNED OFF BY                     | _____ |
| DATE             | <u>15/12/02</u>                        | DATE                              | _____ |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



# MATERIAL RECEIPT INSPECTION FORM

MATERIAL M6061T6  
DATE: 15/12/02

PO / BATCH NO 30542/133699

MATERIAL CERT REC'D yes  
QUANTITY RECEIVED 12  
QUANTITY INSPECTED 12  
QUANTITY REJECTED \_\_\_\_\_

THICKNESS ORDERED 1.00x2.00  
THICKNESS RECEIVED 1.00x2.00  
SHEET SIZE ORDERED \_\_\_\_\_  
SHEET SIZE RECEIVED \_\_\_\_\_

| DESCRIPTION  | NCR<br>(Check<br>Y/N)                | COMMENTS |
|--|--------------------------------------|----------|
| SURFACE DAMAGE                                     | Y <input checked="" type="radio"/> N |          |
| CORRECT FINISH                                     | <input checked="" type="radio"/> Y N |          |
| CORROSION  | Y <input checked="" type="radio"/> N |          |
| CORRECT GRAIN DIRECTION                            | <input checked="" type="radio"/> Y N |          |
| CORRECT MATERIAL                                   | <input checked="" type="radio"/> Y N |          |
| CORRECT THICKNESS                                  | <input checked="" type="radio"/> Y N |          |
| PHOTO REQUIRED                                     | Y <input checked="" type="radio"/> N |          |
| CORRECT MATERIAL                                   | <input checked="" type="radio"/> Y N |          |
| CORRECT REF # TO LINK CERT                         | <input checked="" type="radio"/> Y N |          |
| CORRECT MATERIAL IDENTIFICATION                    | <input checked="" type="radio"/> Y N |          |
| CORRECT M# ON THE MATERIAL                         | <input checked="" type="radio"/> Y N |          |
| DOES THIS MATERIAL REQUIRE<br>ENGINEERING SIGN OFF | Y <input checked="" type="radio"/> N |          |
| DOES THIS REQUIRE AN<br>EXTRUSION REPORT           | Y <input checked="" type="radio"/> N |          |

| CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK<br>RECORD RESULTS BELOW |     |     |       |       |  |
|---|-----|-----|-------|-------|--|
| TYPE OF MATERIAL  | HRC | HRB | DUR A | DUR D |  |
| SIZE OF TEST SAMPLE   |     |     |       |       |  |
| HARDNESS / DUROMETER READING  |     |     |       |       |  |

*testers located in the Quality Office*

|                         |                     |  |  |
|-------------------------|---------------------|--|--|
| <b>QC 18 INSPECTION</b> |                     | <b>ENGINEERING SIGNOFF (if required)</b> |  |
| INSPECTED BY <u>DAS</u> | SIGNED OFF BY _____ |  |  |
| DATE <u>15/12/02</u>    | DATE _____          |  |  |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL M6061TC  
DATE 15/12/02

PO / BATCH NO 30542/133699

MATERIAL CERT REC'D yes  
QUANTITY RECEIVED 24  
QUANTITY INSPECTED 24  
QUANTITY REJECTED \_\_\_\_\_

THICKNESS ORDERED R.750  
THICKNESS RECEIVED R.750  
SHEET SIZE ORDERED \_\_\_\_\_  
SHEET SIZE RECEIVED \_\_\_\_\_

| DESCRIPTION  | NCR<br>(Check<br>Y/N)                | COMMENTS |
|--|--------------------------------------|----------|
| SURFACE DAMAGE                                     | Y <input checked="" type="radio"/> N |          |
| CORRECT FINISH                                     | <input checked="" type="radio"/> Y N |          |
| CORROSION  | Y <input checked="" type="radio"/> N |          |
| CORRECT GRAIN DIRECTION                            | <input checked="" type="radio"/> Y N |          |
| CORRECT MATERIAL                                   | <input checked="" type="radio"/> Y N |          |
| CORRECT THICKNESS                                  | <input checked="" type="radio"/> Y N |          |
| PHOTO REQUIRED                                     | Y <input checked="" type="radio"/> N |          |
| CORRECT MATERIAL                                   | <input checked="" type="radio"/> Y N |          |
| CORRECT REF # TO LINK CERT                         | <input checked="" type="radio"/> Y N |          |
| CORRECT MATERIAL IDENTIFICATION                    | <input checked="" type="radio"/> Y N |          |
| CORRECT M# ON THE MATERIAL                         | <input checked="" type="radio"/> Y N |          |
| DOES THIS MATERIAL REQUIRE<br>ENGINEERING SIGN OFF | Y <input checked="" type="radio"/> N |          |
| DOES THIS REQUIRE AN<br>EXTRUSION REPORT           | Y <input checked="" type="radio"/> N |          |

| CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK<br>RECORD RESULTS BELOW |     |     |       |       |
|---|-----|-----|-------|-------|
| TYPE OF MATERIAL  | HRC | HRB | DUR A | DUR D |
| SIZE OF TEST SAMPLE   |     |     |       |       |
| HARDNESS / DUROMETER READING  |     |     |       |       |

*testers located in the Quality Office*

| QC 18 INSPECTION        |                     | ENGINEERING SIGNOFF (if required) |  |
|-------------------------|---------------------|-----------------------------------|--|
| INSPECTED BY <u>DAS</u> | SIGNED OFF BY _____ |                                   |  |
| DATE <u>15/12/02</u>    | DATE _____          |                                   |  |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL M6061 T6  
 DATE: 15/12/02

PO / BATCH NO: 30542/133699

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 12  
 QUANTITY INSPECTED: 12  
 QUANTITY REJECTED: \_\_\_\_\_

THICKNESS ORDERED: R1.00  
 THICKNESS RECEIVED: R1.00  
 SHEET SIZE ORDERED: \_\_\_\_\_  
 SHEET SIZE RECEIVED: \_\_\_\_\_

| DESCRIPTION  | NCR<br>(Check<br>Y/N)                                      | COMMENTS |
|--|--|----------|
| SURFACE DAMAGE                                     | Y <input checked="" type="radio"/> N <input type="radio"/> |          |
| CORRECT FINISH                                     | <input checked="" type="radio"/> Y <input type="radio"/> N |          |
| CORROSION  | Y <input checked="" type="radio"/> N <input type="radio"/> |          |
| CORRECT GRAIN DIRECTION                            | <input checked="" type="radio"/> Y <input type="radio"/> N |          |
| CORRECT MATERIAL                                   | <input checked="" type="radio"/> Y <input type="radio"/> N |          |
| CORRECT THICKNESS                                  | <input checked="" type="radio"/> Y <input type="radio"/> N |          |
| PHOTO REQUIRED                                     | Y <input checked="" type="radio"/> N <input type="radio"/> |          |
| CORRECT MATERIAL                                   | <input checked="" type="radio"/> Y <input type="radio"/> N |          |
| CORRECT REF # TO LINK CERT                         | <input checked="" type="radio"/> Y <input type="radio"/> N |          |
| CORRECT MATERIAL IDENTIFICATION                    | <input checked="" type="radio"/> Y <input type="radio"/> N |          |
| CORRECT M# ON THE MATERIAL                         | <input checked="" type="radio"/> Y <input type="radio"/> N |          |
| DOES THIS MATERIAL REQUIRE<br>ENGINEERING SIGN OFF | Y <input checked="" type="radio"/> N <input type="radio"/> |          |
| DOES THIS REQUIRE AN<br>EXTRUSION REPORT           | Y <input checked="" type="radio"/> N <input type="radio"/> |          |

| CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK<br>RECORD RESULTS BELOW |     |     |       |       |
|---|-----|-----|-------|-------|
| TYPE OF MATERIAL  | HRC | HRB | DUR A | DUR D |
| SIZE OF TEST SAMPLE   |     |     |       |       |
| HARDNESS / DUROMETER READING  |     |     |       |       |

*testers located in the Quality Office*

| QC 18 INSPECTION                                 |                                     | ENGINEERING SIGNOFF (if required) |
|--|-------------------------------------|-----------------------------------|
| INSPECTED BY: <u>14</u><br>DATE: <u>15/12/02</u> | SIGNED OFF BY: _____<br>DATE: _____ |                                   |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M606ITC  
 DATE: 15/12/02

PO / BATCH NO.: 30542/133699

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 12'  
 QUANTITY INSPECTED: 12'  
 QUANTITY REJECTED: \_\_\_\_\_

THICKNESS ORDERED R3.00  
 THICKNESS RECEIVED R3.00  
 SHEET SIZE ORDERED \_\_\_\_\_  
 SHEET SIZE RECEIVED \_\_\_\_\_

| DESCRIPTION  | NCR<br>(Check<br>Y/N)                   | COMMENTS |
|--|---|----------|
| SURFACE DAMAGE                                     | Y <input checked="" type="checkbox"/> N |          |
| CORRECT FINISH                                     | <input checked="" type="checkbox"/> Y N |          |
| CORROSION  | Y <input checked="" type="checkbox"/> N |          |
| CORRECT GRAIN DIRECTION                            | <input checked="" type="checkbox"/> Y N |          |
| CORRECT MATERIAL                                   | <input checked="" type="checkbox"/> Y N |          |
| CORRECT THICKNESS                                  | <input checked="" type="checkbox"/> Y N |          |
| PHOTO REQUIRED                                     | Y <input checked="" type="checkbox"/> N |          |
| CORRECT MATERIAL                                   | <input checked="" type="checkbox"/> Y N |          |
| CORRECT REF # TO LINK CERT                         | <input checked="" type="checkbox"/> Y N |          |
| CORRECT MATERIAL IDENTIFICATION                    | <input checked="" type="checkbox"/> Y N |          |
| CORRECT M# ON THE MATERIAL                         | <input checked="" type="checkbox"/> Y N |          |
| DOES THIS MATERIAL REQUIRE<br>ENGINEERING SIGN OFF | Y <input checked="" type="checkbox"/> N |          |
| DOES THIS REQUIRE AN<br>EXTRUSION REPORT           | Y <input checked="" type="checkbox"/> N |          |

| CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK<br>RECORD RESULTS BELOW |     |     |       |       |  |
|---|-----|-----|-------|-------|--|
| TYPE OF MATERIAL  | HRC | HRB | DUR A | DUR D |  |
| SIZE OF TEST SAMPLE   |     |     |       |       |  |
| HARDNESS / DUROMETER READING  |     |     |       |       |  |

*testers located in the Quality Office*

| QC 18 INSPECTION  |                                   | ENGINEERING SIGNOFF (if required) |
|---|-----------------------------------|-----------------------------------|
| INSPECTED BY <u>DAS</u><br><u>14</u><br>DATE: <u>15/12/02</u> | SIGNED OFF BY _____<br>DATE _____ |                                   |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL M6061T6  
 DATE 15/12/02

PO / BATCH NO 30542/133499

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED 12'  
 QUANTITY INSPECTED 12'  
 QUANTITY REJECTED \_\_\_\_\_

THICKNESS ORDERED .500 X 10.00  
 THICKNESS RECEIVED .500 X 10.00  
 SHEET SIZE ORDERED \_\_\_\_\_  
 SHEET SIZE RECEIVED \_\_\_\_\_

| DESCRIPTION  | NCR<br>(Check<br>Y/N)                                      | COMMENTS |
|--|--|----------|
| SURFACE DAMAGE                                     | Y <input checked="" type="radio"/> N <input type="radio"/> |          |
| CORRECT FINISH                                     | <input checked="" type="radio"/> Y <input type="radio"/> N |          |
| CORROSION  | Y <input checked="" type="radio"/> N <input type="radio"/> |          |
| CORRECT GRAIN DIRECTION                            | <input checked="" type="radio"/> Y <input type="radio"/> N |          |
| CORRECT MATERIAL                                   | <input checked="" type="radio"/> Y <input type="radio"/> N |          |
| CORRECT THICKNESS                                  | <input checked="" type="radio"/> Y <input type="radio"/> N |          |
| PHOTO REQUIRED                                     | Y <input checked="" type="radio"/> N <input type="radio"/> |          |
| CORRECT MATERIAL                                   | <input checked="" type="radio"/> Y <input type="radio"/> N |          |
| CORRECT REF # TO LINK CERT                         | <input checked="" type="radio"/> Y <input type="radio"/> N |          |
| CORRECT MATERIAL IDENTIFICATION                    | <input checked="" type="radio"/> Y <input type="radio"/> N |          |
| CORRECT M# ON THE MATERIAL                         | <input checked="" type="radio"/> Y <input type="radio"/> N |          |
| DOES THIS MATERIAL REQUIRE<br>ENGINEERING SIGN OFF | Y <input checked="" type="radio"/> N <input type="radio"/> |          |
| DOES THIS REQUIRE AN<br>EXTRUSION REPORT           | Y <input checked="" type="radio"/> N <input type="radio"/> |          |

| CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK<br>RECORD RESULTS BELOW |     |     |       |       |
|---|-----|-----|-------|-------|
| TYPE OF MATERIAL  | HRC | HRB | DUR A | DUR D |
| SIZE OF TEST SAMPLE   |     |     |       |       |
| HARDNESS / DUROMETER READING  |     |     |       |       |

*testers located in the Quality Office*

| QC 18 INSPECTION   |                                   | ENGINEERING SIGNOFF (if required) |
|--|-----------------------------------|-----------------------------------|
| INSPECTED BY <u>345</u><br><u>14</u><br>DATE <u>15/12/02</u> | SIGNED OFF BY _____<br>DATE _____ |                                   |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL M6061 T6  
DATE 15/12/02

PO / BATCH NO 30542/133699

MATERIAL CERT REC'D yes  
QUANTITY RECEIVED 8  
QUANTITY INSPECTED 8  
QUANTITY REJECTED \_\_\_\_\_

THICKNESS ORDERED 4.50 x 4.50  
THICKNESS RECEIVED 4.50 x 4.50  
SHEET SIZE ORDERED \_\_\_\_\_  
SHEET SIZE RECEIVED \_\_\_\_\_

| DESCRIPTION  | NCR<br>(Check<br>Y/N)  | COMMENTS |
|--|--|----------|
| SURFACE DAMAGE                                     | Y <input checked="" type="radio"/> N <input type="radio"/>                       |          |
| CORRECT FINISH                                     | <input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> |          |
| CORROSION  | Y <input checked="" type="radio"/> N <input type="radio"/>                       |          |
| CORRECT GRAIN DIRECTION                            | <input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> |          |
| CORRECT MATERIAL                                   | <input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> |          |
| CORRECT THICKNESS                                  | <input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> |          |
| PHOTO REQUIRED                                     | Y <input checked="" type="radio"/> N <input type="radio"/>                       |          |
| CORRECT MATERIAL                                   | <input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> |          |
| CORRECT REF # TO LINK CERT                         | <input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> |          |
| CORRECT MATERIAL IDENTIFICATION                    | <input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> |          |
| CORRECT M# ON THE MATERIAL                         | <input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> |          |
| DOES THIS MATERIAL REQUIRE<br>ENGINEERING SIGN OFF | Y <input type="radio"/> N <input checked="" type="radio"/>                       |          |
| DOES THIS REQUIRE AN<br>EXTRUSION REPORT           | Y <input type="radio"/> N <input checked="" type="radio"/>                       |          |

| CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK<br>RECORD RESULTS BELOW |     |     |       |       |
|---|-----|-----|-------|-------|
| TYPE OF MATERIAL  | HRC | HRB | DUR A | DUR D |
| SIZE OF TEST SAMPLE   |     |     |       |       |
| HARDNESS / DUROMETER READING  |     |     |       |       |

*testers located in the Quality Office*

| QC 18 INSPECTION   |                                   | ENGINEERING SIGNOFF (if required) |
|--|-----------------------------------|-----------------------------------|
| INSPECTED BY <u>UAS</u><br><u>14</u><br>DATE <u>15/12/02</u> | SIGNED OFF BY _____<br>DATE _____ |                                   |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061 T6  
 DATE: 15/12/02

PO / BATCH NO 30542/133699

MATERIAL CERT REC'D yes  
 QUANTITY RECEIVED 48 SA  
 QUANTITY INSPECTED 48 SA  
 QUANTITY REJECTED \_\_\_\_\_

THICKNESS ORDERED .090"  
 THICKNESS RECEIVED .090"  
 SHEET SIZE ORDERED 4'X12'  
 SHEET SIZE RECEIVED 4'X12'

| DESCRIPTION  | NCR<br>(Check<br>Y/N)                                      | COMMENTS |
|--|--|----------|
| SURFACE DAMAGE                                     | Y <input checked="" type="radio"/> N <input type="radio"/> |          |
| CORRECT FINISH                                     | <input checked="" type="radio"/> Y <input type="radio"/> N |          |
| CORROSION  | Y <input checked="" type="radio"/> N <input type="radio"/> |          |
| CORRECT GRAIN DIRECTION                            | <input checked="" type="radio"/> Y <input type="radio"/> N |          |
| CORRECT MATERIAL                                   | <input checked="" type="radio"/> Y <input type="radio"/> N |          |
| CORRECT THICKNESS                                  | <input checked="" type="radio"/> Y <input type="radio"/> N |          |
| PHOTO REQUIRED                                     | Y <input checked="" type="radio"/> N <input type="radio"/> |          |
| CORRECT MATERIAL                                   | <input checked="" type="radio"/> Y <input type="radio"/> N |          |
| CORRECT REF # TO LINK CERT                         | <input checked="" type="radio"/> Y <input type="radio"/> N |          |
| CORRECT MATERIAL IDENTIFICATION                    | <input checked="" type="radio"/> Y <input type="radio"/> N |          |
| CORRECT M# ON THE MATERIAL                         | <input checked="" type="radio"/> Y <input type="radio"/> N |          |
| DOES THIS MATERIAL REQUIRE<br>ENGINEERING SIGN OFF | Y <input checked="" type="radio"/> N <input type="radio"/> |          |
| DOES THIS REQUIRE AN<br>EXTRUSION REPORT           | Y <input checked="" type="radio"/> N <input type="radio"/> |          |

| CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK<br>RECORD RESULTS BELOW |     |     |       |       |
|---|-----|-----|-------|-------|
| TYPE OF MATERIAL  | HRC | HRB | DUR A | DUR D |
| SIZE OF TEST SAMPLE   |     |     |       |       |
| HARDNESS / DUROMETER READING  |     |     |       |       |

*testers located in the Quality Office*

| QC 18 INSPECTION   |                                   | ENGINEERING SIGNOFF (if required) |
|--|-----------------------------------|-----------------------------------|
| INSPECTED BY <u>DAS</u><br><u>14</u><br>DATE <u>15/12/02</u> | SIGNED OFF BY _____<br>DATE _____ |                                   |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



# MATERIAL RECEIPT INSPECTION FORM

MATERIAL M303  
DATE: 15/12/02

PO / BATCH NO 30542/133699

MATERIAL CERT REC'D yes  
QUANTITY RECEIVED 12'  
QUANTITY INSPECTED: 12'  
QUANTITY REJECTED \_\_\_\_\_

THICKNESS ORDERED R.375  
THICKNESS RECEIVED R.375  
SHEET SIZE ORDERED \_\_\_\_\_  
SHEET SIZE RECEIVED \_\_\_\_\_

| DESCRIPTION  | NCR<br>(Check<br>Y/N)                | COMMENTS |
|--|--------------------------------------|----------|
| SURFACE DAMAGE                                     | Y <input checked="" type="radio"/> N |          |
| CORRECT FINISH                                     | <input checked="" type="radio"/> Y N |          |
| CORROSION  | Y <input checked="" type="radio"/> N |          |
| CORRECT GRAIN DIRECTION                            | <input checked="" type="radio"/> Y N |          |
| CORRECT MATERIAL                                   | <input checked="" type="radio"/> Y N |          |
| CORRECT THICKNESS                                  | <input checked="" type="radio"/> Y N |          |
| PHOTO REQUIRED                                     | Y <input checked="" type="radio"/> N |          |
| CORRECT MATERIAL                                   | <input checked="" type="radio"/> Y N |          |
| CORRECT REF # TO LINK CERT                         | <input checked="" type="radio"/> Y N |          |
| CORRECT MATERIAL IDENTIFICATION                    | <input checked="" type="radio"/> Y N |          |
| CORRECT M# ON THE MATERIAL                         | <input checked="" type="radio"/> Y N |          |
| DOES THIS MATERIAL REQUIRE<br>ENGINEERING SIGN OFF | Y <input checked="" type="radio"/> N |          |
| DOES THIS REQUIRE AN<br>EXTRUSION REPORT           | Y <input checked="" type="radio"/> N |          |

| CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK<br>RECORD RESULTS BELOW |     |     |       |       |
|---|-----|-----|-------|-------|
| TYPE OF MATERIAL  | HRC | HRB | DUR A | DUR D |
| SIZE OF TEST SAMPLE   |     |     |       |       |
| HARDNESS / DUROMETER READING  |     |     |       |       |

*testers located in the Quality Office*

|                         |                     |  |  |
|-------------------------|---------------------|--|--|
| <b>QC 15 INSPECTION</b> |                     | <b>ENGINEERING SIGNOFF (if required)</b> |  |
| INSPECTED BY: <u>14</u> | SIGNED OFF BY _____ |  |  |
| DATE <u>15/12/02</u>    | DATE _____          |  |  |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL M304  
DATE 15/12/02

PO BATCH NO 30542/133699

MATERIAL CERT REC'D yes  
QUANTITY RECEIVED 12'  
QUANTITY INSPECTED 12'  
QUANTITY REJECTED \_\_\_\_\_

THICKNESS ORDERED R1.00  
THICKNESS RECEIVED R1.00  
SHEET SIZE ORDERED \_\_\_\_\_  
SHEET SIZE RECEIVED \_\_\_\_\_

| DESCRIPTION  | NCR<br>(Check<br>Y/N)              |                                    | COMMENTS |
|--|------------------------------------|------------------------------------|----------|
| SURFACE DAMAGE                                     | Y                                  | <input checked="" type="radio"/> N |          |
| CORRECT FINISH                                     | <input checked="" type="radio"/> Y | N                                  |          |
| CORROSION  | Y                                  | <input checked="" type="radio"/> N |          |
| CORRECT GRAIN DIRECTION                            | <input checked="" type="radio"/> Y | N                                  |          |
| CORRECT MATERIAL                                   | <input checked="" type="radio"/> Y | N                                  |          |
| CORRECT THICKNESS                                  | <input checked="" type="radio"/> Y | N                                  |          |
| PHOTO REQUIRED                                     | Y                                  | <input checked="" type="radio"/> N |          |
| CORRECT MATERIAL                                   | <input checked="" type="radio"/> Y | N                                  |          |
| CORRECT REF # TO LINK CERT                         | <input checked="" type="radio"/> Y | N                                  |          |
| CORRECT MATERIAL IDENTIFICATION                    | <input checked="" type="radio"/> Y | N                                  |          |
| CORRECT M# ON THE MATERIAL                         | <input checked="" type="radio"/> Y | N                                  |          |
| DOES THIS MATERIAL REQUIRE<br>ENGINEERING SIGN OFF | Y                                  | <input checked="" type="radio"/> N |          |
| DOES THIS REQUIRE AN<br>EXTRUSION REPORT           | Y                                  | <input checked="" type="radio"/> N |          |

| CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK<br>RECORD RESULTS BELOW |     |     |       |       |  |
|---|-----|-----|-------|-------|--|
| TYPE OF MATERIAL<br>SIZE OF TEST SAMPLE<br>HARDNESS / DUROMETER READING           | HRC | HRB | DUR A | DUR D |  |
|   |     |     |       |       |  |
|   |     |     |       |       |  |

*testers located in the Quality Office*

| QC 18 INSPECTION                               |                                   | ENGINEERING SIGNOFF (if required) |
|--|-----------------------------------|-----------------------------------|
| INSPECTED BY <u>13</u><br>DATE <u>15/12/02</u> | SIGNED OFF BY _____<br>DATE _____ |                                   |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO30542**

Purchase Order Date 11/23/2015

PO Print Date 11/24/2015

Page Number 1 of 9

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**FAKED**

Contact Name  
Vendor Phone 905 669 9444  
  
Ship To Contact  
Ship To Phone  
Ship Via: VENDOR'S TRUCK  
Ship Acct:

Buyer Chantal Lavoie  
Customer POID  
Customer Tax # 10127-2607  
Terms Net 30  
Currency CAD  
FOB FCA - (Free Carrier)

| Line Nbr | Reference Vendor Part Number<br>Line Comments<br>Delivery Comments | Description/<br>Mfg ID | Req Date/<br>Taxable<br>Promise Date | CD | Req Qty/<br>Unit of<br>Measure | PO Unit Price | Extended Price |
|----------|--|------------------------|--------------------------------------|----|--------------------------------|---------------|----------------|
| 2        | M303R0.375   | 303 Round Bar 0.375"   | 11/30/2015<br>Yes<br>11/30/2015      |    | 12.00 ✓<br>f                   | \$2.92 ✓      | \$35.00        |

MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582  
NOTE: AISI 304/316 NOT ACCEPTABLE

Line Total: \$35.00

|   |            |                     |                                 |  |              |        |          |
|---|------------|---------------------|---------------------------------|--|--------------|--------|----------|
| 3 | M303R0.750 | 303 Round Bar 0.750 | 11/30/2015<br>Yes<br>11/30/2015 |  | 96.00 ✓<br>f | \$3.03 | \$290.88 |
|---|------------|---------------------|---------------------------------|--|--------------|--------|----------|

MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582  
NOTE: AISI 304/316 NOT ACCEPTABLE

Line Total: \$290.88

2015-11-24

PO Instructions: NO. PEC ST-869586  
NO. PEC ST-870627

Note:

11/24/2015



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO30542

Purchase Order Date 11/23/2015

PO Print Date 11/24/2015

Page Number 2 of 9

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name

Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer

Customer POID

Customer Tax # 10127-2607

Terms

Currency

FOB

Chantal Lavoie

Net 30

CAD

FCA - (Free Carrier)

|   |            |                    |            |       |        |         |
|---|------------|--------------------|------------|-------|--------|---------|
| 4 | M304R1.000 | 304 round bar 1.00 | 11/30/2015 | 12.00 | \$5.73 | \$68.80 |
|   |            |                    | Yes        | f     |        |         |
|   |            |                    | 11/30/2015 |       |        |         |

MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276

(NOTE: AISI 303 NOT ACCEPTABLE)

Line Total: \$68.80

|   |                      |                         |            |       |        |         |
|---|----------------------|-------------------------|------------|-------|--------|---------|
| 5 | M6061T6B0.250X06.000 | 6061-T6 Bar .250 x 6.00 | 11/30/2015 | 24.00 | \$3.85 | \$92.45 |
|   |                      |                         | Yes        | f     |        |         |
|   |                      |                         | 11/30/2015 |       |        |         |

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR  
ASTM B221

Line Total: \$92.45

|   |                      |                          |            |       |         |          |
|---|----------------------|--------------------------|------------|-------|---------|----------|
| 6 | M6061T6B0.500X10.000 | 6061-T6 Bar .500 x 10.00 | 11/30/2015 | 12.00 | \$12.72 | \$152.65 |
|   |                      |                          | Yes        | f     |         |          |
|   |                      |                          | 11/30/2015 |       |         |          |

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR  
ASTM B221

PO Instructions: NO. PEC ST-869586  
NO. PEC ST-870627

Note:

2015-11-27

11/24/2015



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO30542

Purchase Order Date 11/23/2015

PO Print Date 11/24/2015

Page Number 3 of 9

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name  
Vendor Phone 905 669 9444  
  
Ship To Contact  
Ship To Phone  
Ship Via: VENDOR'S TRUCK  
Ship Acct:

Buyer Chantal Lavoie  
Customer POID  
Customer Tax # 10127-2607  
Terms Net 30  
Currency CAD  
FOB FCA - (Free Carrier)

|   |                      |                         |            |       |   |        |         |
|---|----------------------|-------------------------|------------|-------|---|--------|---------|
| 7 | M6061T6B1.250X01.250 | 6061-T6 Bar 1.25 x 1.25 | 11/30/2015 | 12.00 | ✓ | \$3.94 | \$47.30 |
|   |                      |                         | Yes        | f     |   |        |         |
|   |                      |                         | 11/30/2015 |       |   |        |         |

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR  
ASTM B221

Line Total: \$152.65

|   |                     |                                      |            |      |   |         |          |
|---|---------------------|--------------------------------------|------------|------|---|---------|----------|
| 8 | M6061T6B4.500X4.500 | 6061-T6 Aluminum Bar 4.500" X 4.500" | 11/30/2015 | 8.00 | ✓ | \$64.00 | \$511.97 |
|   |                     |                                      | No         | f    |   |         |          |
|   |                     |                                      | 11/30/2015 |      |   |         |          |

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR  
ASTM B221

NOTE: PLEASE CUT IN SECTION OF 4 FT

Line Total: \$47.30

Line Total: \$511.97

PO Instructions: NO. PEC ST-869586  
NO. PEC ST-870627

Note:

11/24/2015



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO30542**

Purchase Order Date 11/23/2015

PO Print Date 11/24/2015

Page Number 4 of 9

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name

Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

9 M6061T6R0.750 6061-T6 Round Bar .750" 11/30/2015  
Yes  
11/30/2015

24.00

f

\$1.46

\$35.00

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR  
ASTM B221

Line Total:

\$35.00

10 M6061T6R1.000 ROUND BAR 1.00" 11/30/2015  
Yes  
11/30/2015

12.00

f

\$2.92

\$35.00

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR  
ASTM B221

Line Total:

\$35.00

11 M6061T6S.032 6061-T6 Sheet 0.032" 11/30/2015  
Yes  
11/30/2015

144.00

sf

\$1.92

\$276.30

MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER  
QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027  
OR ASTM B209

PO Instructions: NO. PEC ST-869586  
NO. PEC ST-870627

Note:

11/24/2015

Sp 15-11-27



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO30542

Purchase Order Date 11/23/2015

PO Print Date 11/24/2015

Page Number 5 of 9

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name  
Vendor Phone 905 669 9444  
  
Ship To Contact  
Ship To Phone  
Ship Via: VENDOR'S TRUCK  
Ship Acct:

Buyer  
Customer POID  
Customer Tax # 10127-2607  
Terms Net 30  
Currency CAD  
FOB FCA - (Free Carrier)

Line Total: \$276.30

12 M6061T6S.090 6061-T6 .090 Sheet 11/30/2015  
Yes  
11/30/2015

48.00 ✓  
sf \$4.45 ✓ \$213.50

MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER  
QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027  
OR ASTM B209

2015-11-27

Line Total: \$213.50

13 M7075T6B1.250X2.000 7075-T6 BAR 1.250" X 2.000" 11/30/2015  
Yes  
11/30/2015

24.50  
f \$19.14 \$468.82

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR  
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

Line Total: \$468.82

PO Instructions: NO. PEC ST-869586  
NO. PEC ST-870627

Note:

11/24/2015





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO30542

Purchase Order Date 11/23/2015

PO Print Date 11/24/2015

Page Number 6 of 9

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name

Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency CAD

FOB FCA - (Free Carrier)

|    |                      |                             |            |      |         |          |
|----|----------------------|-----------------------------|------------|------|---------|----------|
| 14 | M7075T6B1.750X04.500 | 7075-T6 BAR 1.750" X 4.500" | 11/30/2015 | 6.00 | \$63.73 | \$382.37 |
|    |                      |                             | Yes        | f    |         |          |
|    |                      |                             | 11/30/2015 |      |         |          |

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR  
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

Line Total: \$382.37

|    |                     |  |            |       |          |            |
|----|---------------------|--|------------|-------|----------|------------|
| 15 | M7075T6B3.000X7.500 | 7075-T6 BAR 3.000' X 7.500" (order in billets) | 11/30/2015 | 11.08 | \$134.48 | \$1,490.00 |
|    |                     |  | Yes        | f     |          |            |
|    |                     |  | 11/30/2015 |       |          |            |

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR  
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

CUT TO SIZE: 16.625" X 8 PCS GRAIN DIRECTION ALONG 16.625"

Line Total: \$1,490.00

PO Instructions: NO. PEC ST-869586  
NO. PEC ST-870627

Note:

11/24/2015



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO30542**

Purchase Order Date 11/23/2015

PO Print Date 11/24/2015

Page Number 7 of 9

**Order From :** VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

**Ship To :** DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**Contact Name**

**Vendor Phone** 905 669 9444

**Ship To Contact**

**Ship To Phone**

**Ship Via:** VENDOR'S TRUCK

**Ship Acct:**

**Buyer**

Chantal Lavoie

**Customer POID**

**Customer Tax #** 10127-2607

**Terms**

Net 30

**Currency**

CAD

**FOB**

FCA - (Free Carrier)

|    |                     |                             |            |       |         |          |
|----|---------------------|-----------------------------|------------|-------|---------|----------|
| 16 | M7075T6B6.000X0.250 | 7075-T6 BAR 6.000" X 0.250" | 11/30/2015 | 14.27 | \$18.39 | \$262.50 |
|----|---------------------|-----------------------------|------------|-------|---------|----------|

Yes

f

11/30/2015

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR  
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

**Line Total:** \$262.50

|    |                      |                         |            |
|----|----------------------|-------------------------|------------|
| 17 | M6061T6B30000X01.500 | 6061-T6 Bar 3.00 x 1.50 | 11/30/2015 |
|----|----------------------|-------------------------|------------|

Yes

11/30/2015

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR  
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

|       |         |          |
|-------|---------|----------|
| 12.00 | \$11.81 | \$141.75 |
|-------|---------|----------|

f

**Line Total:** \$141.75

|    |                      |                         |            |
|----|----------------------|-------------------------|------------|
| 18 | M6061T6B1.000X02.000 | 6061-T6 Bar 1.00 x 2.00 | 11/30/2015 |
|----|----------------------|-------------------------|------------|

Yes

11/30/2015

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR  
ASTM B221

|       |        |         |
|-------|--------|---------|
| 12.00 | \$5.92 | \$71.05 |
|-------|--------|---------|

f

**PO Instructions:** NO. PEC ST-869586  
NO. PEC ST-870627

**Note:**

11/24/2015



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO30542**

Purchase Order Date 11/23/2015

PO Print Date 11/24/2015

Page Number 8 of 9

**Order From :** VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

**Ship To :** DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**Contact Name**  
**Vendor Phone** 905 669 9444  
  
**Ship To Contact**  
**Ship To Phone**  
**Ship Via:** VENDOR'S TRUCK  
**Ship Acct:**

**Buyer** Chantal Lavoie  
**Customer POID**  
**Customer Tax #** 10127-2607  
**Terms** Net 30  
**Currency** CAD  
**FOB** FCA - (Free Carrier)

**Line Total:** \$71.05

19 M6061T6R3.000 6061-T6 RD BAR 3.000" 11/30/2015 FN  
Yes  
11/30/2015

12.00 ✓  
f \$19.50 \$234.00

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR  
ASTM B221

NOTE: PLEASE CUT IN HALF 2 SECTION OF 6 FT

**Line Total:** \$234.00

20 71401-45 PROCURMENT QUALITY CLAUSES 11/30/2015

1.00 ✓ \$0.00 \$0.00

No  
11/30/2015

Procurement Quality Clauses  
A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)  
A026 certification of material conformance  
A041 quality management system  
A042 dart notification by supplier  
A043 retention of quality documents

2015-11-27

**PO Instructions:** NO. PEC ST-869586  
NO. PEC ST-870627

**Note:**

11/24/2015



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO30542**

Purchase Order Date 11/23/2015

PO Print Date 11/24/2015

Page Number 9 of 9

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name  
Vendor Phone 905 669 9444  
  
Ship To Contact  
Ship To Phone  
Ship Via: VENDOR'S TRUCK  
Ship Acct:

Buyer  
Customer POID  
Customer Tax # 10127-2607  
Terms Net 30  
Currency CAD  
FOB FCA - (Free Carrier)

Line Total: \$0.00

PO Total: \$4,809.34

PO Instructions: NO. PEC ST-869586  
NO. PEC ST-870627

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Change Nbr: 6

Change Date: 11/24/2015